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ABSTRACT

This annual report presents an inventory of higher education facilities in North Carolina and data about their uses of Fall 2000. It provides higher education administrators with a detailed statistical profile of the facilities on their own campuses and to allow for comparative assessment and facilities planning. The report includes data for 112 institutions, including all 16 public senior institutions of the University of North Carolina, 38 private nonprofit colleges and universities, and 58 public community colleges. Data for proprietary institutions are not included. Section 1 describes the utilization of instructional space, with information about capacity/enrollment ratios, average use, and other space factors. Section 2 discusses the characteristics of interior space and describes campus space by use and program. Section 3 describes building characteristics, such as age, condition, and replacement cost. The final section describes the amount and type of facilities accessible those of impaired mobility. (SLD)

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 2000

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HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY
FALL OF 2000

For
THE STATE OF NORTH CAROLINA

THIRTY-FOURTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
Commission on Higher Education Facilities
Chapel Hill, North Carolina

October 2001

Belk Library

Elon University

(Cover Photo)

Elon University's latest campus addition is the $14 million, 75,000 square foot Belk Library, dedicated in January, 2000. This 570-seat facility has become the anchor for Elon's efforts to strengthen the academic climate on campus, which has been gaining momentum each year. Architectural features of the building include two-story arched windows and towering elliptical skylight to flood the roomy interior with natural light. Years of thoughtful planning resulted in a library carefully designed to fit Elon's active learning style. One of the cornerstones of that philosophy is collaborative learning, which is encouraged throughout the library.

Belk Library's first level is where students regularly gather to work on group projects or create PowerPoint presentations. This floor is home to the majority of the 148 computers found in the library, and is the location of the Media Services group. Students can get help with computer-generated presentations, have posters made, or check out equipment such as digital cameras and laptops. The second floor, intended to be quieter than the first floor, features group study rooms for up to eight people. The rooms are equipped with worktables, computer hookups, and large white boards. There are also several reading lounges with comfortable upholstered chairs and slate coffee tables, a large seminar room, a computer lab, study carrels, periodicals and book stacks on electronically controlled compact shelving. Students and faculty seeking a truly quiet haven may go to the third floor. The majority of the 210,000 volume book stacks are located there. The top floor also features additional group study rooms and plenty of cozy spaces for solitary study.

Belk Library is named for Carol Grotnes Belk, wife of Charlotte businessman and philanthropist Erwin Belk, who have a long history of generous support to Elon and other institutions of higher education in North Carolina.

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Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.

Foreword

This study, the thirty-fourth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the drop-add period of the 2000 fall term at each college. It also gives indications of the uses being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

In an effort to modernize and streamline the presentation of this data, changes have been made to the appearance of the study this year. The software used to generate the data now enables the commission to directly download the data tables to a web content page, and electronically transfer the data via E-mail in a Word document format. Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 2000 comprehensive planning studies. Other studies have been conducted resulting in detailed information pertinent to this study. This information has been incorporated into this study to continually broaden the information available. On page 122 detailed facility condition information for UNC institutions is such an example.

Public senior institutions, community and technical colleges, and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgment and appreciation are expressed to the following individuals for their cooperation and contributions: Phil Albano and Arthur Hohnsbehn of the Community College System, William Barlow of UNC-General Administration, Karen Copeland of the University of North Carolina at Chapel Hill, Sandra Davis of North Carolina Central University, Sheri Green of the Wake County Public Schools, Emily Herman of the University of North Carolina at Greensboro, Richard Leichman of Davidson College, Terry McNeill of Alamance Community College, Paul Nagy of Durham Technical Community College, and Robert Ussery of N. C. A&T State University.

The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study. The commission staff also expresses appreciation to members of the Facilities Advisory Commission for their advice and counsel through the years.

Kevin J. MacNaughton
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of the University of North Carolina-General Administration.

Institutions Included

The study provides data for 112 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise the University of North Carolina, 38 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for UNC Hospitals at Chapel Hill, a part of the University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on pages v-x, along with the name of the President or Chancellor and the commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 156-159.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities (two such institutions, including their associated medical schools), general baccalaureate colleges (34), and one junior college. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study. Comparisons may be made among individual private institutions through direct project officer contact.

Because of the unique facilities requirements of health affairs complexes and medical schools, data for the Division of Health Affairs at East Carolina University and the University of

North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission separately lists the data for North Carolina State University's School of Veterinary Medicine.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data relating the sizes and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the commission staff with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the commission with a personal computer file, electronic mail, or FTP (file transfer protocol) transmission of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions also provide these data on diskette, or by E-mail or FTP. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the commission keys this information onto master mainframe files. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. This report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are provided technical assistance by the commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints. For the past several years, because of improved in-house data processing capabilities, the commission has provided data search services, software, special analyses, and facilities survey assistance to participating institutions making such special requests.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives one copy of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided is one copy of the Building Data Summary Report, which analyzes in detail the institution's building data, and a number of statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of the University of North Carolina-General Administration (UNC constituent institutions only), and to the N.C. Community College System office (two-year public institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the President or Chancellor of each institution, the commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such assets as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition includes trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Division of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, UNC Hospitals at Chapel Hill, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which can affect both the reporting and summarization of utilization data. These situations are described below to enable reviewers to make more accurate and fair comparisons among different institutions.

N. C. School of the Arts instructs secondary school students as well as students at the college level. To reflect this fact, high school courses conducted at the campus were also considered in calculating student clock hours. The high school students were not included in the full-time equivalent enrollment figures for this institution, however. In Table 2, this has the effect of significantly underestimating the total utilization of academic space for the N.C. School of the Arts. It should also be noted that the programs conducted at the N.C. School of the Arts inherently require significantly more space per student than at other constituent institutions of the University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

N.C. State University and N.C. A&T State University similarly show an above-average square footage of academic facilities per FTE student (Table 2) and understated utilization of academic space in other tables. This is due to these institutions' extensive instruction and research programs in Agriculture and Engineering, which require significantly more academic space per FTE student than is typical of other general academic programs.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. The student clock hours of UNC at Asheville reflect these WCU courses. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville. Several Community Colleges have similar inter-campus course arrangements and FTE/student clock hour figures are derived in the same manner.

As further clarification of institution groupings, graph references to "UNC Campuses" refer to the sixteen public Baccalaureate-granting institutions of the University of North Carolina. Table subtitles and graph legends for "Community Colleges" refer to the 58 Community Colleges of the North Carolina Community College system.

The data elements collected, formats maintained, and statistics generated by the North Carolina Commission on Higher Education Facilities adhere very strongly to nationally developed standards and procedures for facilities inventory and utilization reporting. In the interests of state and national comparability and standardization, changes such as addition/omission of data items and format/master file rearrangement are not made by this central office to suit the special interests or needs of a particular campus. Many North Carolina institutions accommodate these local information needs by including additional data on campus-maintained files, in formats suitable to campus researchers and planners, as a supplement to Facilities Commission (national standard) data. This office does, however, provide the special request, data processing services mentioned above to all North Carolina institutions for all data maintained on commission files. In addition, these services are provided to institutions which maintain supplemental or special campus information items when these data are provided with the request.

The tables included in this study are published each fall on the UNC General Administration website to provide quick access to the summary data by all interested parties. The site address is http://www.ga.unc.edu/publications/facilities/index.html.

The Foundation: A Center for Learning & the Arts, Isothermal Community College

Isothermal Community College's The Foundation: A Center for Learning and the Arts, is the school's new $12 million, 64,000 square foot facility located on the Spindale campus. This impressive brick structure houses the college's Continuing Education Offices, classrooms, The Learning Place, the Al King Literacy Center, the school's Small Business Center and Customized Training and Development Center, and the state-of-the-art 1,400-seat Frank and Mable West Auditorium.

In addition to the educational role this facility will provide, it is expected to become a focal point for the arts. The Foundation's meeting and conference spaces can accommodate small intimate gatherings and banquets, as well as conferences and trade shows. Events normally found in larger metropolitan areas will be offered to the local community.

Utilization of Instructional Space

Capacity Enrollment Ratio 9
Sq. Ft. of Academic Facilities Per FTE Student 15
Room Hours of Instruction in Classrooms 20
Room Hours of Instruction in Class
Laboratories 24
Use of Student Stations in Classrooms 28
Use of Student Stations in Class-
Laboratories 32
Percent Student Station Utilization 36
Student Clock Hours of Instruction 41
Space Factors 44
Range of Space Utilization Indices 48
Space Standards 49
FTE Enrollments 54

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TABLE 1:

CAPACITY / ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina has been between four and five for many years, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 67-68, 73-75, 80-81, 84-85, 88-89) and room use codes (pp. 93-94). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom
115 Classroom Service

210 Class Laboratory
215 Class Laboratory Service

220 Open Laboratory
225 Open Lab Service

310 Office
315 Office Service

410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

510 Armory
515 Armory Service

520 Athletic or Physical Ed.
525 Athletic or Physical Ed. Svc.

Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the drop-add period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO

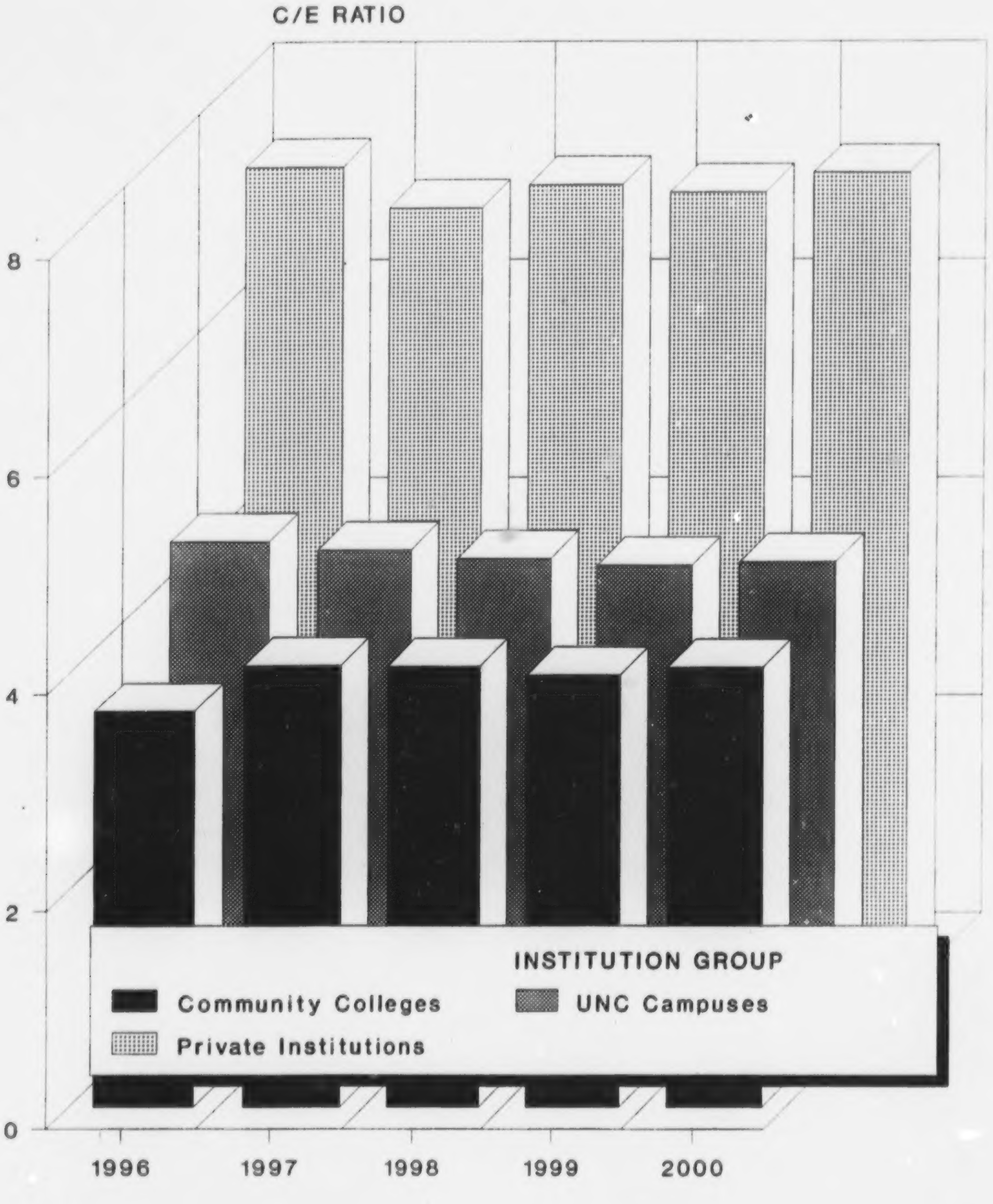


Table 1. Capacity / Enrollment Ratio

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2000	1999	1998	1997	1996
		Public Institutions					
Research Universities I							
NC State	1,231,046	360,909.0	3.41	3.38	3.86	3.96	3.95
NCSU Veterinary School	-	-	-	-	-	-	-
UNC-Chapel Hill	1,486,175	261,463.5	5.68	5.94	5.92	6.07	6.18
UNC-CH Health Affairs	-	-	-	-	-	-	-
Subtotal	**2,717,221**	**622,372.5**	**4.37**	**4.45**	**4.72**	**4.83**	**4.86**
Doctoral Universities I and II							
East Carolina	834,860	229,390.0	3.64	3.61	3.67	3.89	3.48
ECU-Health Affairs	-	-	-	-	-	-	-
UNC-Greensboro	597,766	149,960.5	3.99	3.92	3.68	3.79	3.71
Subtotal	**1,432,626**	**379,350.5**	**3.78**	**3.73**	-	-	-
Master's (Comprehensive) Universities and Colleges I							
Appalachian	676,445	180,925.0	3.74	3.82	3.91	3.80	4.05
Fayetteville	276,043	54,166.0	5.10	4.90	5.14	5.56	5.94
NC A&T	587,722	115,787.0	5.08	4.98	5.11	5.10	4.84
NC Central	432,009	69,601.0	6.21	5.83	5.73	6.21	6.06
UNC-Charlotte	689,142	211,524.0	3.26	2.92	3.18	3.21	3.02
UNC-Pembroke	222,039	41,570.5	5.34	5.90	5.97	5.91	6.20
UNC-Wilmington	384,866	135,249.0	2.85	2.69	3.21	3.11	2.94
Western Carolina	494,694	83,150.0	5.95	5.99	6.11	5.97	5.71
Subtotal	**3,762,962**	**891,972.5**	**4.22**	**4.10**	**4.18**	**4.24**	**4.12**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	233,352	34,551.0	6.75	6.08	6.31	6.60	5.98
UNC-Asheville	266,776	44,513.5	5.99	6.02	6.39	5.67	5.39
Winston-Salem	219,653	37,353.0	5.88	6.46	5.51	6.04	6.05
Subtotal	**719,781**	**116,417.5**	**6.18**	**6.17**	**6.07**	**6.07**	**5.79**
Schools of Art, Music, and Design							
NC School of the Arts*	243,150	28,077.0	8.66	8.54	6.72	9.47	9.28
Community Colleges							
Alamance	133,871	41,877.0	3.20	3.50	3.34	3.73	2.63
Asheville-Buncombe	278,194	63,869.0	4.36	4.28	4.11	3.80	4.15
Beaufort Co.	87,367	15,854.0	5.51	4.72	5.49	4.98	3.89
Bladen	57,322	13,032.0	4.40	4.57	4.98	4.75	4.96
Blue Ridge	160,655	27,283.0	5.89	6.35	6.75	7.20	6.77
Brunswick	93,012	17,720.5	5.25	4.81	3.80	3.72	3.18
Caldwell	173,434	39,248.0	4.42	4.31	6.35	5.22	4.53
Cape Fear	236,936	68,026.0	3.48	3.36	2.58	2.66	2.99
Carteret	81,461	19,726.0	4.13	3.49	3.61	3.18	3.20
Catawba Valley	217,335	57,189.5	3.80	4.12	3.29	3.38	3.38
Central Carolina	198,851	50,026.5	3.97	3.79	3.25	3.02	2.95
Central Piedmont	539,871	142,665.0	3.78	3.80	3.29	2.64	2.79
Cleveland	123,041	24,833.5	4.95	3.81	4.26	3.27	4.95
Coastal Carolina	154,075	51,448.5	2.99	2.80	3.44	3.00	2.73
College of the Albemarle	97,489	30,816.5	3.16	2.84	2.89	2.56	2.96
Craven	111,192	25,156.0	4.42	3.76	3.17	2.89	2.89
Davidson Co.	159,299	31,126.0	5.12	4.91	5.47	4.01	4.14
Durham	165,623	36,436.5	4.55	4.27	3.13	4.06	3.28
Edgecombe	81,836	21,737.0	3.76	3.63	3.72	3.45	4.01

High school courses at N.C. School of the Arts are included.

Table 1. *Capacity / Enrollment Ratio*

Institution	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			2000	1999	1998	1997	1996
Fayetteville	323,267	92,644.5	3.49	3.14	3.04	2.66	2.87
Forsyth	279,413	67,719.5	4.13	4.76	4.88	4.31	4.50
Gaston College	243,718	48,282.5	5.05	5.25	4.88	4.44	4.01
Guilford	419,242	85,982.5	4.88	4.40	4.75	4.60	3.74
Halifax	94,435	19,753.5	4.78	4.36	4.02	3.53	3.17
Haywood	134,204	25,422.0	5.28	6.62	6.09	5.16	5.31
Isothermal	134,931	28,308.5	4.77	4.35	6.02	5.47	5.82
James Sprunt	70,644	13,032.0	5.42	5.34	4.74	5.16	4.71
Johnston	110,557	33,818.5	3.27	3.14	3.36	3.39	3.30
Lenoir	168,072	30,072.0	5.59	4.97	4.82	3.69	4.33
Martin	79,678	9,752.0	8.17	7.34	5.91	4.56	4.75
Mayland	54,288	8,777.0	6.19	6.51	6.84	4.97	5.65
McDowell	60,516	12,277.0	4.93	5.09	5.35	3.35	4.02
Mitchell	117,951	28,104.5	4.20	4.30	4.62	4.67	4.44
Montgomery	59,573	8,175.0	7.29	6.53	4.49	3.92	3.87
Nash	93,347	29,444.0	3.17	3.35	3.66	3.19	2.69
Pamlico	25,397	3,210.0	7.91	8.51	6.84	5.96	5.06
Piedmont	72,460	17,516.5	4.14	4.55	4.78	5.25	5.09
Pitt	145,713	57,568.0	2.53	2.53	3.33	2.79	3.52
Randolph	145,888	30,829.0	4.73	5.02	5.82	4.81	5.25
Richmond	72,088	19,239.0	3.75	3.16	4.16	4.28	3.69
Roanoke-Chowan	57,906	15,147.5	3.82	4.72	4.99	4.90	4.98
Robeson	103,829	36,871.0	2.82	2.81	3.84	3.20	3.04
Rockingham	158,214	29,527.0	5.36	6.38	5.72	5.23	4.49
Rowan-Cabarrus	175,883	48,839.0	3.60	3.78	3.99	3.31	3.26
Sampson	79,618	19,158.5	4.16	3.67	3.45	3.62	3.53
Sandhills	159,832	34,335.5	4.66	5.01	4.65	3.68	4.24
South Piedmont	73,335	18,752.0	3.91	2.97	2.70	2.76	2.95
Southeastern	109,017	26,981.0	4.04	3.96	4.68	4.30	3.75
Southwestern	109,559	22,896.5	4.78	4.81	4.35	3.16	4.01
Stanly	72,501	20,811.0	3.48	3.07	3.87	3.53	3.24
Surry	143,539	47,239.5	3.04	3.23	3.26	2.95	2.55
Tri-County	64,943	13,766.0	4.72	4.07	3.97	5.06	5.01
Vance-Granville	124,397	44,382.5	2.80	2.81	3.46	3.20	3.14
Wake	221,187	100,081.0	2.21	2.28	2.79	2.76	2.78
Wayne	161,960	37,003.5	4.38	4.32	5.07	4.30	3.64
Western Piedmont	119,116	23,094.5	5.16	6.20	6.36	3.78	3.62
Wilkes	137,044	29,100.5	4.71	4.50	4.18	3.68	3.86
Wilson	95,874	19,763.5	4.85	4.43	5.60	4.44	4.56
Subtotal	**8,224,000**	**2,035,748.0**	**4.04**	**3.97**	**4.06**	**3.64**	**3.62**
		Private Institutions					
Major Research Universities							
Subtotal	**1,532,113**	**191,917.0**	**7.98**	**7.70**	**7.99**	**7.92**	**7.20**
General Baccalaureate Colleges							
Subtotal	**4,213,180**	**600,580.0**	**7.02**	**6.84**	**6.60**	**7.03**	**7.09**
Junior Colleges							
Subtotal	**61,654**	**8,611.0**	**7.16**	**8.38**	**7.39**	**11.36**	**8.15**
Grand Total	**22,906,687**	**4,875,046.0**	**4.70**	**4.62**	**4.73**	**4.62**	**4.57**

**High school courses at N.C. School of the Arts are included.*

TABLE 2:

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960s. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

Institutional Level	Public	Private	Total
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

There is currently much national interest in updating these norms through a new national survey of higher education facilities.

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 67-68, 73-75, 80-81, 84-85, 88-89) and room use codes (pp. 93-94). The term refers to an institution's total assignable area (page 63) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Intercóllegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), or 765 (Hazardous Materials Service). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facility), 635 (Food Facility Service), 660 (Merchandising), 665 (Merchandising Service), 750 (Central Service), 755 (Central Service Support), 760 (Hazardous Materials), 765 (Hazardous Materials Service), all of the 800s (Health Care Facilities), and all of the 900s (Residential Facilities).

FTE Enrollment

Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his/her course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 54.

In this table, the FTE enrollments which are reported for the institutions of the Community College System include only credit enrollment generated in all inventoried space. Noncredit enrollment is not reflected in this table. Total FTE enrollments for these institutions--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in the parenthesized figures of Table 12. Methods of FTE calculation for the constituent institutions of both the University of North Carolina and Community College System are again outlined on page 54.

$$\text{SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT} = \frac{\text{SQUARE FEET OF ACADEMIC FACILITIES}}{\text{FTE ENROLLMENT}}$$

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT

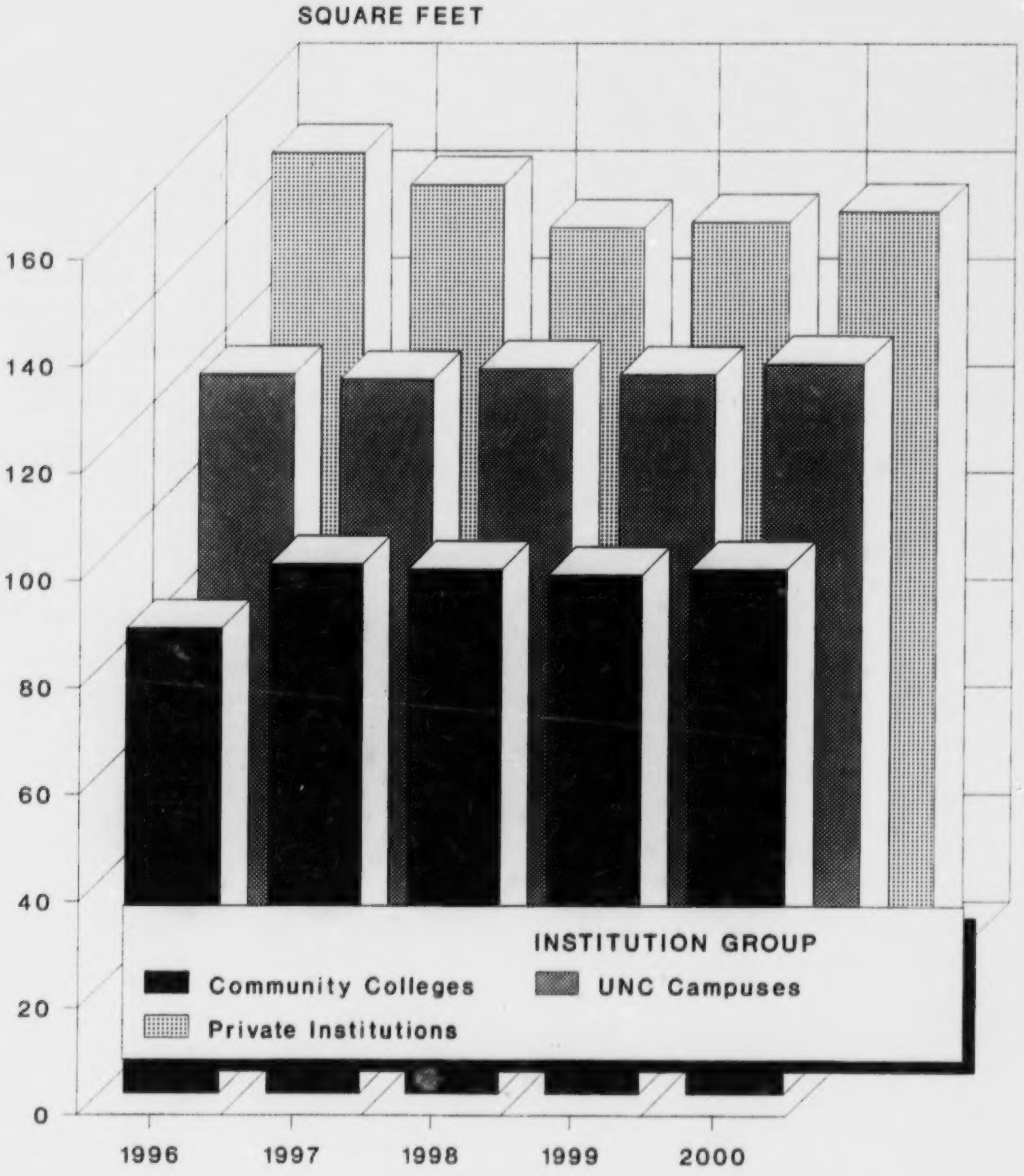


Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2000	1999	1998	1997	1996
		Public Institutions					
Research Universities I							
NC State	4,501,141	23,589	191	193	201	187	187
NCSU Veterinary School*	268,758	294	914	930	876	870	873
UNC-Chapel Hill	2,854,511	18,816	152	151	150	149	146
UNC-CH Health Affairs*	1,555,599	3,614	430	437	451	436	418
Subtotal	**7,355,652**	**42,405**	**173**	**174**	**178**	**170**	**169**
Doctoral Universities I and II							
East Carolina	1,219,724	15,419	79	76	79	76	84
ECU-Health Affairs*	620,525	1,275	487	473	425	423	337
UNC-Greensboro	1,045,906	11,250	93	91	89	92	92
Subtotal	**2,265,630**	**26,669**	**85**	**83**	**83**	-	-
Master's (Comprehensive) Universities and Colleges I							
Appalachian	1,051,462	12,059	87	88	86	87	88
Fayetteville	408,604	3,560	115	108	113	114	122
NC A&T**	1,044,778	7,088	147	149	147	145	144
NC Central	636,437	4,638	137	124	117	116	124
UNC-Charlotte	977,872	14,312	68	63	63	67	68
UNC-Pembroke	315,916	2,805	113	117	117	116	112
UNC-Wilmington	611,665	9,092	67	62	68	69	69
Western Carolina	732,103	5,882	124	126	124	118	119
Subtotal	**5,778,837**	**59,436**	**97**	**94**	**94**	**91**	**94**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	331,956	1,875	177	169	171	170	170
UNC-Asheville	351,718	2,790	126	130	129	132	119
Winston-Salem	337,290	2,453	138	138	135	131	147
Subtotal	**1,020,964**	**7,118**	**143**	**143**	**142**	**142**	**143**
Schools of Art, Music, and Design							
NC School of the Arts***	315,822	753	419	404	382	380	355
Community Colleges							
Alamance	166,663	1,984	84	82	82	87	79
Asheville-Buncombe	331,431	3,468	96	99	104	115	110
Beaufort Co.	118,851	1,004	118	110	100	113	107
Bladen	84,425	726	116	117	144	139	111
Blue Ridge	191,545	1,292	148	157	152	221	146
Brunswick	118,343	740	160	170	223	172	142
Caldwell	213,576	1,516	141	122	116	93	78
Cape Fear	297,605	4,078	73	76	66	52	54
Carteret	113,958	1,054	108	100	108	107	103
Catawba Valley	261,614	2,396	109	109	107	98	96
Central Carolina	220,244	1,886	117	130	112	114	76
Central Piedmont	675,776	6,188	109	102	89	81	69
Cleveland	147,717	1,282	115	96	100	110	102
Coastal Carolina	179,925	2,430	74	72	71	76	70
College of the Albemarle	147,587	1,164	127	124	114	107	73
Craven	131,694	1,436	92	84	69	69	68
Davidson Co.	209,637	1,802	116	119	113	116	95
Durham	218,170	2,712	80	79	74	71	68
Edgecombe	100,873	1,128	89	89	98	93	81

**Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.*

***Agricultural programs at NC A&T require a significant amount of academic space. The 2000 figures for these programs are: ASF: 236,935; FTE: 283; ASF per FTE: 837. Figures for all other campus programs are: ASF: 807,843; FTE: 6,805; ASF per FTE: 119.*

****High school enrollment is excluded from this table, resulting in a significant understatement of the total utilization of academic facilities at NCSA.*

Table 2. Square Feet of Academic Facilities Per FTE Student

Institution	ASF of Academic Facilities	FTE Enrollment	Square Feet of Academic Facilities Per FTE Student				
			2000	1999	1998	1997	1996
Fayetteville	422,162	4,652	91	85	85	83	68
Forsyth	339,500	3,538	96	104	119	112	101
Gaston College	281,305	2,602	108	104	93	100	78
Guilford	531,268	5,568	95	103	103	104	93
Halifax	122,353	970	126	110	97	116	107
Haywood	184,374	1,268	145	147	131	145	142
Isothermal	184,659	1,408	131	102	117	138	130
James Sprunt	95,709	1,058	90	100	120	112	109
Johnston	160,171	1,778	90	94	99	93	85
Lenoir	206,195	1,552	133	125	126	131	98
Martin	102,309	552	185	174	193	175	148
Mayland	74,442	550	135	140	139	151	104
McDowell	74,469	782	95	97	102	100	73
Mitchell	153,947	1,222	126	136	131	145	121
Montgomery	76,407	474	161	159	148	93	84
Nash	110,886	1,462	76	84	82	92	88
Pamlico	31,705	136	233	214	175	221	180
Piedmont	100,537	1,082	93	102	125	133	114
Pitt	184,727	3,402	54	54	59	67	60
Randolph	175,715	1,344	131	127	151	165	122
Richmond	96,793	1,016	95	90	102	122	115
Roanoke-Chowan	75,397	728	104	105	102	112	124
Robeson	126,282	1,420	89	95	92	92	82
Rockingham	196,350	1,528	129	134	142	141	128
Rowan-Cabarrus	208,825	2,674	78	77	75	84	64
Sampson	100,134	910	110	96	102	98	93
Sandhills	191,280	2,618	73	75	84	78	71
South Piedmont	91,716	890	103	79	64	74	67
Southeastern	131,556	1,574	84	88	93	91	85
Southwestern	134,530	1,098	123	119	116	116	91
Stanly	88,381	1,026	86	87	96	92	73
Surry	162,759	2,390	68	69	75	72	70
Tri-County	91,478	624	147	116	150	120	130
Vance-Granville	167,832	2,286	73	75	104	105	102
Wake	313,049	5,846	54	58	59	66	63
Wayne	195,689	2,046	96	97	96	100	99
Western Piedmont	145,270	1,462	99	96	95	92	70
Wilkes	184,535	1,482	125	124	130	106	96
Wilson	118,128	924	128	127	121	137	109
Subtotal	**10,362,458**	**106,228**	**98**	**97**	**98**	**99**	**87**
		Private Institutions					
Major Research Universities							
Subtotal	**2,864,251**	**16,714**	**171**	**172**	**172**	**171**	**173**
General Baccalaureate Colleges							
Subtotal	**5,635,512**	**45,307**	**124**	**121**	**120**	**131**	**137**
Junior Colleges							
Subtotal	**102,845**	**501**	**205**	**225**	**233**	**230**	**288**
Grand Total	**35,701,971**	**305,131**	**117**	**116**	**117**	**118**	**115**

Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

*****Agricultural programs at NC A&T require a significant amount of academic space. The 2000 figures for these programs are: ASF: 236,935; FTE: 283; ASF per FTE: 837. Figures for all other campus programs are: ASF: 807,843; FTE: 6,805; ASF per FTE: 119.***

******High school enrollment is excluded from this table, resulting in a significant understatement of the total utilization of academic facilities at NCSA.***

TABLE 3:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the Room Utilization Rate (RUR).

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used for teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which ties it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime utilizations. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. The University of North Carolina standard is 35 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

$$\frac{\textbf{TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS}}{\textbf{TOTAL NUMBER OF CLASSROOMS}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS

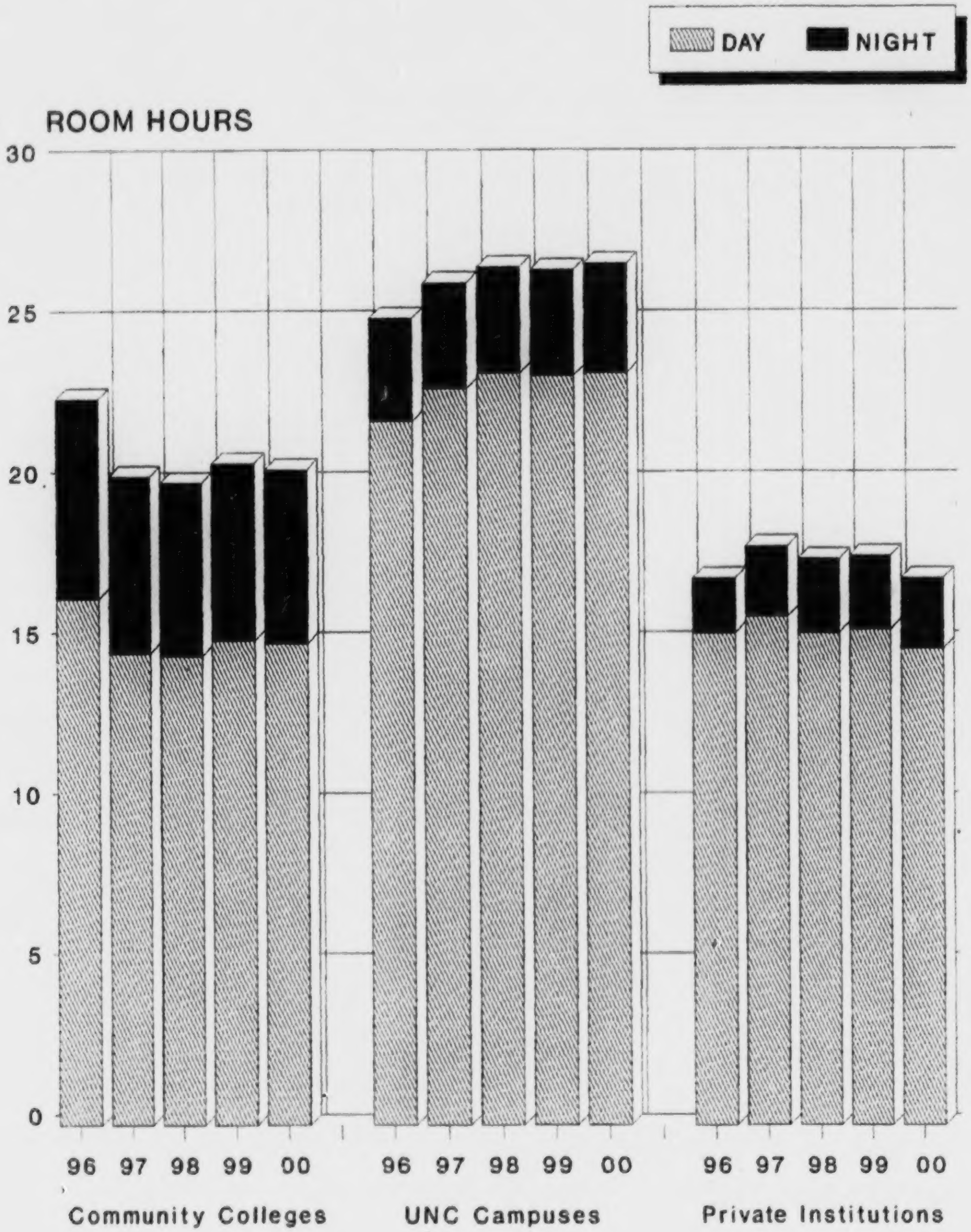


Table 3. Average Weekly Room Hours of Instruction in Classrooms

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				2000	1999	1998	1997	1996
			Public Institutions					
Research Universities I								
NC State	7,777.0	29.0	3.2	32.2	32.0	32.6	31.9	32.4
NCSU Veterinary School	-	-	-	-	-	-	-	-
UNC-Chapel Hill	6,974.0	26.0	1.3	27.3	26.6	28.1	28.0	25.0
UNC-CH Health Affairs	-	-	-	-	-	-	-	-
Subtotal	**14,751.0**	**27.5**	**2.2**	**29.7**	**29.1**	**30.4**	**30.0**	**28.5**
Doctoral Universities I and II								
East Carolina	5,407.5	23.4	3.9	27.3	27.4	25.8	25.4	24.8
ECU-Health Affairs	-	-	-	-	-	-	-	-
UNC-Greensboro	4,067.0	27.4	5.4	32.8	32.5	31.7	30.5	29.1
Subtotal	**9,474.5**	**24.9**	**4.5**	**29.4**	**29.4**	**28.0**	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	5,254.5	22.8	1.7	24.5	24.5	24.8	25.7	26.2
Fayetteville	1,917.0	18.5	4.6	23.1	21.9	25.1	24.7	20.2
NC A&T	3,250.5	19.4	3.3	22.7	22.7	21.2	20.4	21.2
NC Central	2,259.5	14.8	3.7	18.5	18.4	19.6	18.1	15.4
UNC-Charlotte	4,488.5	28.5	8.0	36.5	37.4	37.6	35.6	33.1
UNC-Pembroke	1,505.5	17.8	3.4	21.2	18.8	18.4	18.2	18.4
UNC-Wilmington	2,999.0	31.7	3.6	35.3	37.3	35.8	34.5	34.9
Western Carolina	2,577.5	20.7	2.5	23.2	24.1	23.8	21.8	22.2
Subtotal	**24,252.0**	**21.8**	**3.7**	**25.5**	**25.6**	**25.7**	**25.1**	**24.2**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,121.0	17.3	2.4	19.7	21.1	18.1	18.5	17.5
UNC-Asheville	1,678.5	29.0	6.7	35.7	33.2	30.8	29.2	27.9
Winston-Salem	1,311.5	16.8	3.1	19.9	17.6	17.9	19.2	17.0
Subtotal	**4,111.0**	**20.3**	**3.8**	**24.1**	**23.2**	**21.8**	**22.1**	**20.5**
Schools of Art, Music, and Design								
NC School of the Arts	570.0	13.1	1.2	14.3	14.1	17.2	16.2	15.9
Community Colleges								
Alamance	1,328.0	17.7	7.4	25.1	25.9	26.1	26.1	24.9
Asheville-Buncombe	2,469.0	15.1	5.3	20.4	21.5	24.4	23.9	23.8
Beaufort Co.	625.0	13.1	4.3	17.4	17.7	17.1	15.8	15.8
Bladen	505.5	12.2	5.8	18.0	16.7	14.8	17.2	24.3
Blue Ridge	1,365.5	14.6	7.5	22.1	17.5	18.1	17.1	18.7
Brunswick	909.5	13.5	3.3	16.8	17.4	18.3	24.9	24.7
Caldwell	1,503.5	13.8	5.5	19.3	19.7	13.1	12.5	18.4
Cape Fear	2,213.5	19.1	4.4	23.5	24.7	23.7	34.0	35.0
Carteret	815.5	13.4	6.0	19.4	21.0	20.6	19.7	19.8
Catawba Valley	1,968.5	18.0	8.2	26.2	25.7	22.7	25.2	26.4
Central Carolina	1,881.0	12.7	4.0	16.7	18.8	23.4	25.1	24.7
Central Piedmont	5,639.0	15.7	5.5	21.2	20.9	22.8	22.2	26.5
Cleveland	849.0	11.4	7.5	18.9	23.0	23.8	22.9	23.3
Coastal Carolina	1,859.0	19.8	6.4	26.2	26.9	22.1	19.9	22.5
College of the Albemarle	1,018.0	14.5	5.5	20.0	18.1	21.5	24.1	24.8
Craven	1,032.5	13.1	4.7	17.8	20.1	22.6	22.4	23.6
Davidson Co.	1,151.5	13.3	4.7	18.0	17.6	16.0	13.7	18.2
Durham	1,436.5	12.2	5.8	18.0	19.9	20.2	24.2	19.7
Edgecombe	926.0	14.7	5.0	19.7	20.3	17.4	17.0	17.7

Table 3. *Average Weekly Room Hours of Instruction in Classrooms*

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				2000	1999	1998	1997	1996
Fayetteville	3,536.0	16.6	5.7	22.3	23.2	23.4	24.9	30.1
Forsyth	2,586.0	13.5	5.9	19.4	15.6	14.8	18.7	20.7
Gaston College	1,909.0	12.5	6.2	18.7	16.6	19.0	20.3	22.4
Guilford	2,811.0	11.0	2.9	13.9	17.6	16.2	14.9	15.5
Halifax	876.5	13.7	4.2	17.9	19.0	23.5	24.0	24.3
Haywood	1,026.0	20.7	5.7	26.4	21.0	20.9	20.6	22.9
Isothermal	682.5	13.3	4.2	17.5	17.7	15.7	14.4	17.2
James Sprunt	642.0	12.4	3.7	16.1	12.6	11.7	15.1	15.5
Johnston	1,128.5	15.5	5.0	20.5	19.0	20.4	24.0	21.1
Lenoir	1,444.5	10.9	4.1	15.0	17.7	17.9	15.5	20.8
Martin	256.5	9.1	2.0	11.1	11.9	11.2	14.5	17.3
Mayland	416.5	9.7	2.2	11.9	12.4	10.7	11.0	20.7
McDowell	292.5	7.3	5.4	12.7	14.5	13.5	10.4	15.6
Mitchell	1,219.5	12.7	6.1	18.8	18.5	18.4	18.5	19.6
Montgomery	249.0	8.4	4.1	12.5	13.4	12.2	8.0	13.0
Nash	1,164.5	21.6	8.2	29.8	30.5	29.8	26.6	30.0
Pamlico	261.0	13.1	7.0	20.1	17.0	29.5	22.4	26.2
Piedmont	693.5	13.0	5.7	18.7	16.0	20.0	15.0	16.3
Pitt	1,817.5	26.1	7.6	33.7	34.2	29.1	23.0	29.5
Randolph	1,092.5	10.5	6.9	17.4	19.6	21.2	18.9	19.5
Richmond	850.5	16.4	5.4	21.8	22.8	20.1	22.6	20.3
Roanoke-Chowan	439.0	16.4	4.5	20.9	20.7	21.0	20.5	21.6
Robeson	1,161.0	19.0	6.8	25.8	24.5	19.4	21.0	25.4
Rockingham	886.5	12.7	4.7	17.4	16.3	18.0	18.0	19.1
Rowan-Cabarrus	1,920.0	18.2	9.7	27.9	25.3	23.9	22.0	25.4
Sampson	974.5	16.6	7.1	23.7	23.6	20.9	25.6	29.7
Sandhills	1,094.5	12.0	2.2	14.2	14.7	11.6	18.7	24.6
South Piedmont	831.5	15.3	5.5	20.8	22.2	24.3	28.0	24.8
Southeastern	825.0	14.1	2.7	16.8	17.9	18.1	16.3	17.2
Southwestern	1,026.0	17.6	4.2	21.8	19.9	16.6	19.9	20.8
Stanly	740.5	16.9	6.2	23.1	23.6	23.0	17.8	24.6
Surry	1,382.0	20.9	8.5	29.4	28.7	23.5	24.8	27.0
Tri-County	729.5	12.2	8.1	20.3	19.2	19.4	23.1	22.4
Vance-Granville	1,355.0	20.2	8.1	28.3	25.5	26.2	21.4	23.3
Wake	2,778.0	24.3	4.9	29.2	30.0	27.0	24.4	26.0
Wayne	1,156.5	14.7	4.6	19.3	21.3	20.1	15.8	19.1
Western Piedmont	937.0	14.2	6.2	20.4	17.0	16.7	14.4	23.1
Wilkes	1,482.0	17.2	5.6	22.8	23.3	21.4	19.8	24.0
Wilson	775.5	13.8	6.1	19.9	19.6	17.8	19.1	23.6
Subtotal	**74,945.5**	**15.0**	**5.4**	**20.4**	**20.6**	**20.0**	**20.2**	**22.6**
			Private Institutions					
Major Research Universities								
Subtotal	**6,518.0**	**15.1**	**1.0**	**16.1**	**15.6**	**15.8**	**16.0**	**16.4**
General Baccalaureate Colleges								
Subtotal	**24,809.0**	**14.7**	**2.6**	**17.3**	**18.2**	**18.2**	**18.6**	**17.5**
Junior Colleges								
Subtotal	**371.0**	**12.9**	**0.3**	**13.2**	**13.2**	**13.5**	**13.8**	**8.8**
Grand Total	**159,802.0**	**17.2**	**4.1**	**21.3**	**21.5**	**21.3**	**21.5**	**22.0**

TABLE 4:

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week. Weekly room hours of instruction is also referred to as the Room Utilization Rate (RUR).

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime uses of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 20.

For purposes of this study, a class laboratory is defined as a room used primarily for regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. The University of North Carolina standard for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System approach or exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES =

$$\frac{\textbf{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\textbf{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES

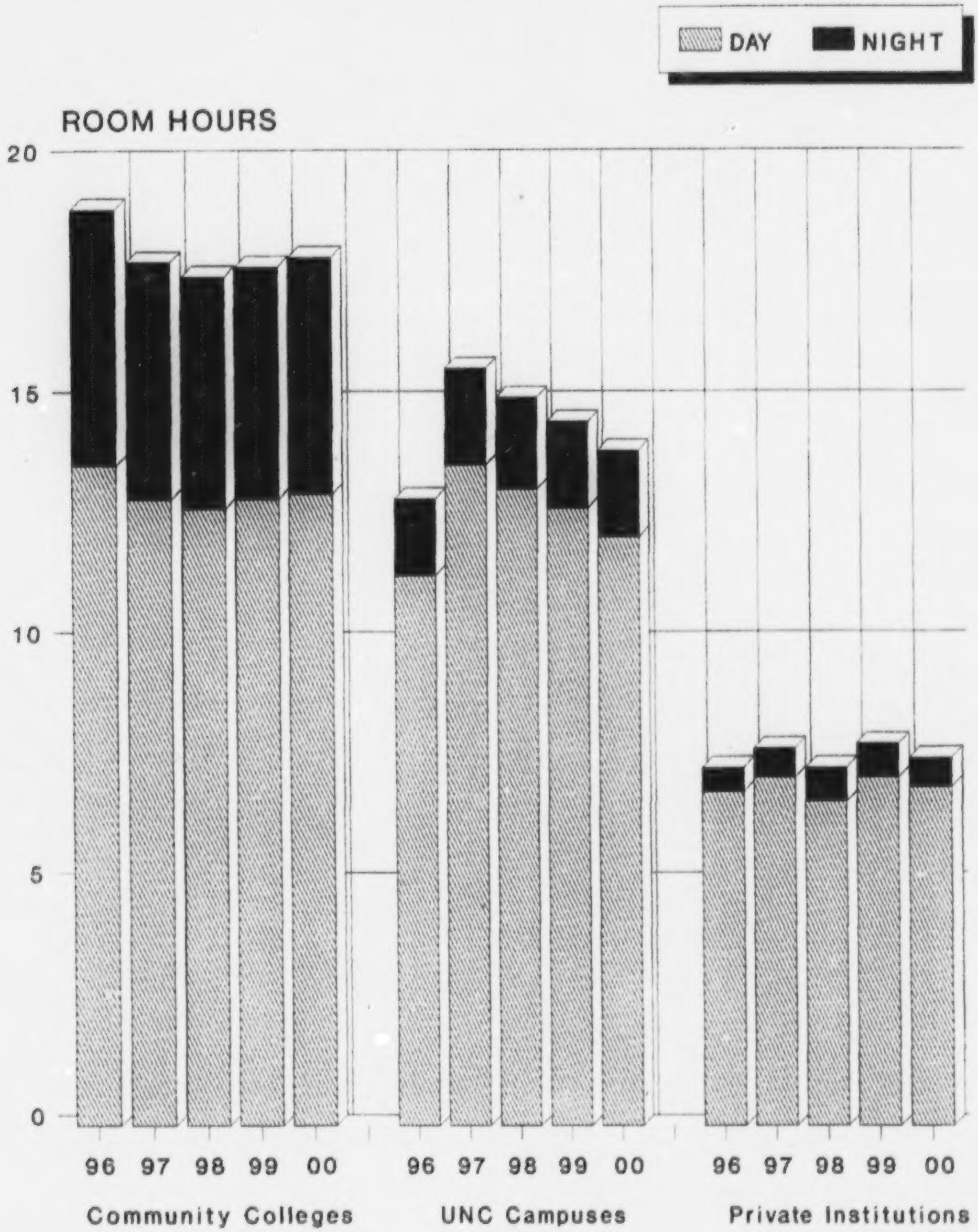


Table 4. Average Weekly Room Hours of Instruction in Class Laboratories

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours 2000	1999	1998	1997	1996
Public Institutions								
Research Universities I								
NC State	2,561.5	14.1	1.7	15.8	16.2	16.7	18.8	10.8
NCSU Veterinary School	-	-	-	-	-	-	-	-
UNC-Chapel Hill	1,126.0	13.7	1.7	15.4	15.5	16.2	17.3	13.3
UNC-CH Health Affairs	-	-	-	-	-	-	-	-
Subtotal	**3,687.5**	**14.0**	**1.7**	**15.7**	**16.0**	**16.5**	**18.4**	**11.3**
Doctoral Universities I and II								
East Carolina	2,268.5	14.7	2.3	17.0	17.8	17.5	17.5	17.8
ECU-Health Affairs	-	-	-	-	-	-	-	-
UNC-Greensboro	1,115.0	15.9	1.8	17.7	16.4	16.6	16.7	14.7
Subtotal	**3,383.5**	**15.1**	**2.2**	**17.3**	**17.4**	**17.2**	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	1,239.5	9.5	1.3	10.8	11.7	10.8	13.9	14.9
Fayetteville	601.5	13.0	2.8	15.8	12.4	15.6	15.8	13.6
NC A&T	1,195.5	7.9	1.2	9.1	11.0	14.2	13.7	14.1
NC Central	394.5	7.1	0.8	7.9	9.5	8.9	8.9	7.0
UNC-Charlotte	2,065.0	16.8	3.9	20.7	21.0	21.3	20.2	19.2
UNC-Pembroke	331.0	10.1	0.6	10.7	9.5	9.2	7.5	7.0
UNC-Wilmington	1,098.0	16.9	3.1	20.0	21.5	20.2	19.1	11.4
Western Carolina	586.5	9.4	0.9	10.3	11.1	11.1	13.2	11.4
Subtotal	**7,511.5**	**11.1**	**1.9**	**13.0**	**13.8**	**14.5**	**15.4**	**14.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	520.0	9.1	1.5	10.6	12.7	12.0	13.0	12.7
UNC-Asheville	407.5	9.5	1.5	11.0	12.4	11.4	10.9	11.1
Winston-Salem	355.5	8.7	0.9	9.6	10.2	6.5	10.6	9.6
Subtotal	**1,283.0**	**9.1**	**1.3**	**10.4**	**11.8**	**10.1**	**11.6**	**11.2**
Schools of Art, Music, and Design								
NC School of the Arts	768.0	13.0	2.0	15.0	13.9	16.9	15.0	11.7
Community Colleges								
Alamance	1,123.0	15.6	6.4	22.0	23.1	22.9	22.3	22.9
Asheville-Buncombe	961.0	10.1	4.3	14.4	14.1	15.7	18.6	21.5
Beaufort Co.	582.5	12.9	3.7	16.6	17.8	15.9	14.5	18.1
Bladen	417.5	11.4	6.8	18.2	17.1	20.4	21.0	19.7
Blue Ridge	756.0	12.0	6.9	18.9	19.5	19.7	19.6	13.5
Brunswick	272.5	10.2	3.5	13.7	10.8	11.1	16.6	18.4
Caldwell	962.5	9.8	4.7	14.5	14.6	11.5	9.4	11.9
Cape Fear	1,528.0	17.6	4.2	21.8	22.2	24.7	26.7	25.4
Carteret	497.0	10.6	4.5	15.1	15.3	15.3	13.1	17.6
Catawba Valley	1,489.5	14.6	5.8	20.4	18.3	19.2	24.0	23.2
Central Carolina	1,016.5	11.8	3.1	14.9	13.9	17.1	17.8	18.2
Central Piedmont	2,906.0	13.2	5.2	18.4	18.0	20.1	19.4	26.0
Cleveland	799.0	9.9	6.4	16.3	18.3	17.9	16.2	16.9
Coastal Carolina	1,186.5	18.6	5.1	23.7	24.1	19.9	21.0	22.2
College of the Albemarle	584.5	13.4	3.3	16.7	14.2	19.1	18.4	21.7
Craven	835.0	15.2	5.7	20.9	22.5	24.7	25.3	26.4
Davidson Co.	854.0	12.3	4.8	17.1	15.4	13.6	13.9	13.7
Durham	684.0	7.5	3.7	11.2	10.9	12.1	18.7	15.7
Edgecombe	651.5	11.7	5.9	17.6	18.0	17.0	20.1	20.8

Table 4. Average Weekly Room Hours of Instruction in Class Laboratories

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours 2000	1999	1998	1997	1996
Fayetteville	1,809.0	13.3	3.6	16.9	17.7	17.6	20.2	17.5
Forsyth	1,134.0	11.0	4.3	15.3	13.8	13.6	13.7	15.4
Gaston College	708.5	9.5	3.4	12.9	15.0	12.9	16.0	14.8
Guilford	1,773.0	10.2	3.7	13.9	14.7	13.1	13.2	13.9
Halifax	407.5	14.0	3.0	17.0	20.1	17.0	20.5	21.3
Haywood	885.0	16.0	4.6	20.6	18.0	20.1	18.6	18.1
Isothermal	750.5	11.7	5.8	17.5	18.4	16.8	16.1	18.5
James Sprunt	299.0	9.8	2.7	12.5	16.6	16.8	13.6	14.3
Johnston	525.0	10.8	4.2	15.0	13.6	11.9	16.3	13.8
Lenoir	555.5	10.8	3.4	14.2	15.1	15.1	15.2	19.0
Martin	541.0	12.3	3.6	15.9	15.6	16.6	16.5	16.2
Mayland	219.5	14.7	5.3	20.0	16.2	19.8	18.4	19.6
McDowell	375.5	8.6	7.1	15.7	15.5	16.6	19.0	21.9
Mitchell	387.0	7.6	4.5	12.1	12.9	12.1	10.0	11.3
Montgomery	448.5	12.3	3.8	16.1	14.6	13.9	20.2	22.2
Nash	536.0	13.8	6.1	19.9	20.1	24.1	20.3	22.0
Pamlico	196.0	10.2	7.6	17.8	18.0	18.3	19.0	16.8
Piedmont	440.5	13.0	5.3	18.3	20.3	18.4	19.9	18.4
Pitt	1,095.0	16.6	3.3	19.9	20.4	17.9	18.0	18.0
Randolph	886.5	13.6	5.2	18.8	14.8	16.5	13.8	17.3
Richmond	443.5	12.7	7.5	20.2	22.4	20.2	19.3	18.2
Roanoke-Chowan	323.5	14.9	4.1	19.0	22.3	23.3	22.5	19.9
Robeson	605.0	11.6	6.7	18.3	18.7	18.9	15.9	16.3
Rockingham	710.5	11.4	4.0	15.4	15.7	15.6	15.9	18.9
Rowan-Cabarrus	1,085.0	14.1	6.0	20.1	18.7	17.8	18.5	19.8
Sampson	230.5	11.7	3.7	15.4	19.4	15.3	17.8	15.9
Sandhills	532.5	11.1	3.3	14.4	12.6	12.6	15.4	14.2
South Piedmont	608.0	14.1	6.2	20.3	26.7	27.2	31.7	27.4
Southeastern	684.0	12.8	3.1	15.9	13.1	13.3	13.3	13.4
Southwestern	580.0	14.5	3.1	17.6	15.6	14.4	13.4	15.7
Stanly	628.0	15.4	6.3	21.7	22.8	21.2	18.5	17.7
Surry	1,196.0	20.4	8.8	29.2	28.0	25.6	26.6	27.9
Tri-County	462.5	13.4	8.6	22.0	23.3	20.5	18.7	16.3
Vance-Granville	1,319.5	17.8	7.1	24.9	24.7	23.5	19.5	23.6
Wake	2,313.5	23.2	6.8	30.0	27.3	28.8	26.3	28.6
Wayne	1,095.0	17.7	4.2	21.9	20.8	20.4	14.0	16.0
Western Piedmont	594.5	10.5	5.1	15.6	10.7	11.8	9.9	19.9
Wilkes	765.0	13.9	4.3	18.2	16.4	17.9	17.9	18.7
Wilson	671.0	13.1	6.6	19.7	20.4	19.5	19.4	20.6
Subtotal	**46,926.5**	**13.1**	**4.9**	**18.0**	**17.8**	**17.6**	**17.9**	**19.0**
			Private Institutions					
Major Research Universities								
Subtotal	**667.5**	**4.2**	**0.3**	**4.5**	**4.8**	**4.5**	**4.4**	**4.7**
General Baccalaureate Colleges								
Subtotal	**5,429.5**	**7.6**	**0.7**	**8.3**	**8.6**	**7.9**	**8.7**	**8.1**
Junior Colleges								
Subtotal	**88.0**	**9.8**	**0.0**	**9.8**	**9.1**	**9.0**	**7.6**	**6.4**
Grand Total	**69,745.0**	**11.8**	**3.3**	**15.1**	**15.2**	**15.1**	**15.5**	**15.1**

TABLE 5:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 20 for precise definitions of classrooms and of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 22.75 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 35 hours (see Table 3) and that there is 65% utilization of student stations when classrooms are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

$$\text{AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS} = \frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS

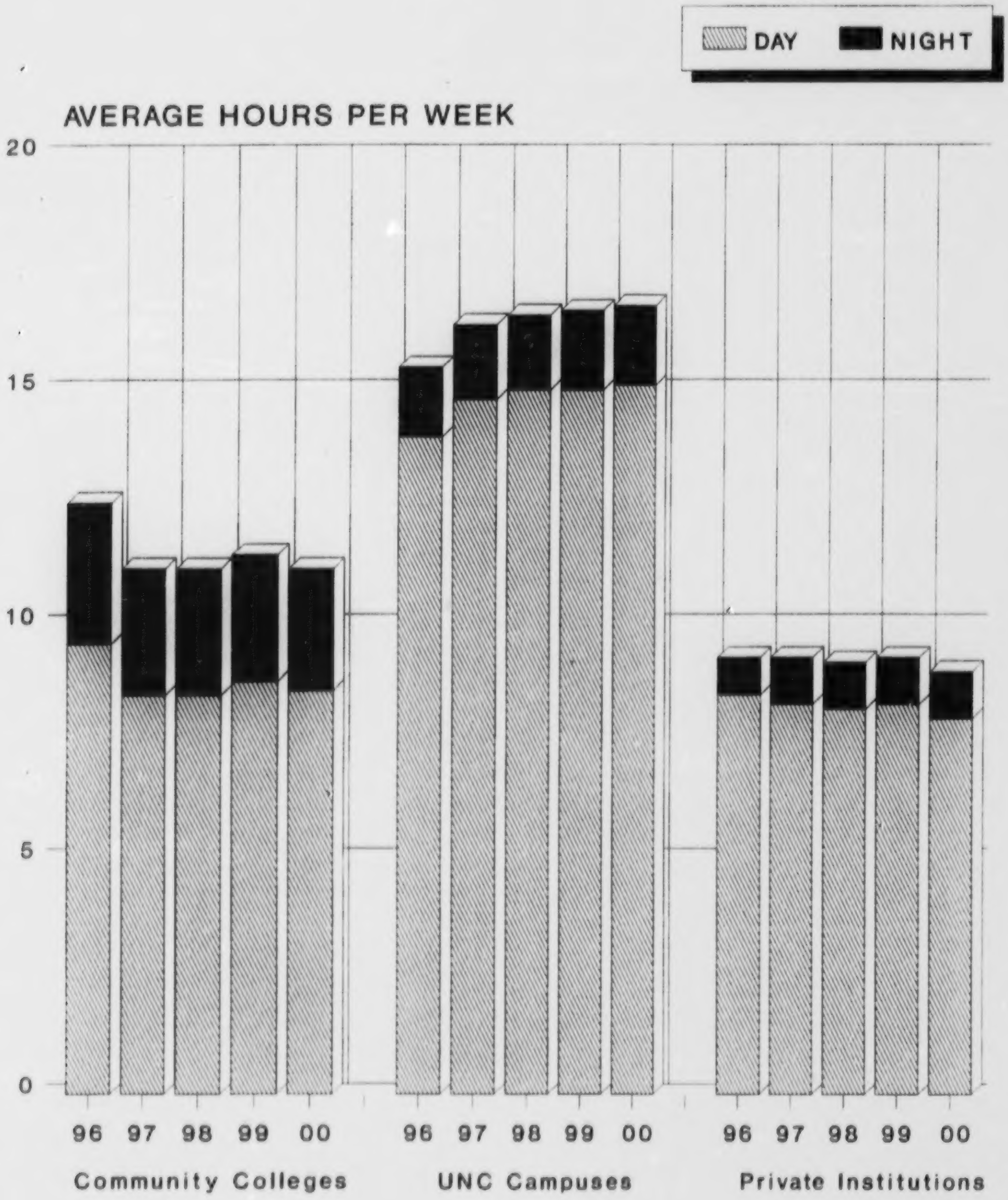


Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	Total Room Hours	Daytime Hours	Nighttime Hours			All Hours		
				2000	1999	1998	1997	1996
			Public Institutions					
Research Universities I								
NC State	13,936	18.4	1.8	20.2	20.0	20.0	20.0	20.3
NCSU Veterinary School	-	-	-	-	-	-	-	-
UNC-Chapel Hill	13,080	17.2	0.6	17.8	17.5	17.5	17.5	18.1
UNC-CH Health Affairs	-	-	-	-	-	-	-	-
Subtotal	**27,016**	**17.8**	**1.2**	**19.0**	**18.8**	**18.8**	**18.8**	**19.2**
Doctoral Universities I and II								
East Carolina	9,829	16.4	1.9	18.3	18.6	18.6	18.6	17.4
ECU-Health Affairs	-	-	-	-	-	-	-	-
UNC-Greensboro	7,136	14.4	2.2	16.6	17.1	17.1	17.1	16.7
Subtotal	**16,965**	**15.6**	**2.0**	**17.6**	**18.0**	**18.0**	**18.0**	**17.1**
Master's (Comprehensive) Universities and Colleges I								
Appalachian	8,472	16.1	0.8	16.9	15.8	15.8	15.8	16.4
Fayetteville	3,310	10.4	1.6	12.0	13.0	13.0	13.0	13.7
NC A&T	6,082	13.3	1.8	15.1	14.7	14.7	14.7	13.1
NC Central	5,688	8.3	1.7	10.0	9.8	9.8	9.8	10.6
UNC-Charlotte	7,192	18.9	3.8	22.7	22.7	22.7	22.7	22.7
UNC-Pembroke	2,831	10.4	1.5	11.9	10.4	10.4	10.4	10.5
UNC-Wilmington	4,643	20.1	1.8	21.9	22.9	22.9	22.9	21.9
Western Carolina	4,907	11.3	1.1	12.4	13.1	13.1	13.1	13.0
Subtotal	**43,125**	**14.2**	**1.8**	**16.0**	**15.9**	**15.9**	**15.9**	**15.9**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	2,515	8.5	0.8	9.3	9.7	9.7	9.7	8.7
UNC-Asheville	1,723	15.9	3.1	19.0	18.7	18.7	18.7	17.4
Winston-Salem	3,097	7.8	1.2	9.0	7.6	7.6	7.6	8.9
Subtotal	**7,335**	**10.0**	**1.5**	**11.5**	**10.9**	**10.9**	**10.9**	**10.9**
Schools of Art, Music, and Design								
NC School of the Arts	934	8.1	0.8	8.9	9.2	9.2	9.2	12.1
Community Colleges								
Alamance	1,911	9.1	3.3	12.4	11.8	11.8	11.8	12.5
Asheville-Buncombe	3,835	9.4	2.6	12.0	12.9	12.9	12.9	15.3
Beaufort Co.	960	6.8	1.9	8.7	10.2	10.2	10.2	10.0
Bladen	728	6.7	2.8	9.5	8.8	8.8	8.8	7.1
Blue Ridge	1,646	7.6	3.3	10.9	9.5	9.5	9.5	10.5
Brunswick	1,887	6.1	1.0	7.1	8.0	8.0	8.0	8.4
Caldwell	2,123	8.8	3.0	11.8	12.0	12.0	12.0	9.0
Cape Fear	2,840	12.5	2.7	15.2	16.8	16.8	16.8	17.1
Carteret	1,127	8.4	2.8	11.2	13.1	13.1	13.1	12.3
Catawba Valley	2,006	10.4	4.6	15.0	15.9	15.9	15.9	14.7
Central Carolina	3,332	7.0	1.9	8.9	10.2	10.2	10.2	13.1
Central Piedmont	9,337	8.0	2.8	10.8	10.5	10.5	10.5	12.2
Cleveland	1,506	5.7	3.4	9.1	12.1	12.1	12.1	11.3
Coastal Carolina	2,126	11.8	3.3	15.1	16.1	16.1	16.1	14.3
College of the Albemarle	1,421	8.5	2.6	11.1	10.6	10.6	10.6	10.2
Craven	1,680	6.3	1.9	8.2	8.6	8.6	8.6	9.6
Davidson Co.	2,200	6.2	1.9	8.1	8.6	8.6	8.6	7.6
Durham	2,583	6.9	3.1	10.0	11.2	11.2	11.2	11.6
Edgecombe	1,241	8.4	2.6	11.0	11.4	11.4	11.4	10.1

Table 5. Average Weekly Use of Student Stations in Classrooms

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				2000	1999	1998	1997	1996
Fayetteville	5,794	8.8	2.3	11.1	12.4	12.4	12.4	12.3
Forsyth	4,157	8.4	3.2	11.6	9.3	9.3	9.3	8.3
Gaston College	3,303	7.4	3.0	10.4	9.4	9.4	9.4	9.8
Guilford	5,738	7.7	1.9	9.6	11.6	11.6	11.6	10.5
Halifax	1,439	7.7	1.9	9.6	10.9	10.9	10.9	13.3
Haywood	1,082	10.5	2.0	12.5	9.8	9.8	9.8	10.3
Isothermal	1,392	8.3	2.3	10.6	11.3	11.3	11.3	9.2
James Sprunt	990	6.6	2.0	8.6	7.4	7.4	7.4	8.6
Johnston	1,559	10.8	3.2	14.0	13.3	13.3	13.3	10.4
Lenoir	2,486	6.4	1.8	8.2	9.6	9.6	9.6	10.8
Martin	640	4.5	1.0	5.5	6.4	6.4	6.4	5.7
Mayland	859	5.6	1.2	6.8	7.1	7.1	7.1	6.1
McDowell	538	4.4	2.8	7.2	8.9	8.9	8.9	8.4
Mitchell	2,030	6.8	3.0	9.8	9.7	9.7	9.7	9.9
Montgomery	654	2.8	1.5	4.3	4.4	4.4	4.4	3.9
Nash	1,142	12.4	4.5	16.9	17.1	17.1	17.1	16.9
Pamlico	295	4.4	2.7	7.1	5.9	5.9	5.9	11.7
Piedmont	838	9.8	3.1	12.9	9.9	9.9	9.9	10.7
Pitt	1,887	16.8	4.1	20.9	20.6	20.6	20.6	17.9
Randolph	1,597	7.4	3.5	10.9	11.9	11.9	11.9	11.5
Richmond	1,129	9.6	2.4	12.0	14.3	14.3	14.3	13.7
Roanoke-Chowan	590	9.7	1.9	11.6	11.5	11.5	11.5	11.2
Robeson	1,661	12.4	3.2	15.6	15.5	15.5	15.5	11.2
Rockingham	1,822	7.9	2.3	10.2	8.2	8.2	8.2	9.3
Rowan-Cabarrus	2,330	9.6	4.3	13.9	12.1	12.1	12.1	11.8
Sampson	1,396	7.9	3.5	11.4	12.4	12.4	12.4	10.7
Sandhills	2,683	7.7	0.9	8.6	8.3	8.3	8.3	5.7
South Piedmont	1,016	8.9	3.1	12.0	13.1	13.1	13.1	13.0
Southeastern	2,152	6.7	0.8	7.5	8.3	8.3	8.3	7.4
Southwestern	1,138	10.0	1.6	11.6	11.7	11.7	11.7	10.5
Stanly	1,277	7.2	2.1	9.3	9.8	9.8	9.8	10.3
Surry	1,575	12.1	3.7	15.8	14.9	14.9	14.9	13.4
Tri-County	1,090	4.3	3.0	7.3	7.6	7.6	7.6	7.9
Vance-Granville	1,490	12.1	3.6	15.7	14.1	14.1	14.1	14.3
Wake	3,278	15.5	2.9	18.4	18.8	18.8	18.8	17.1
Wayne	1,923	8.8	2.0	10.8	11.5	11.5	11.5	12.2
Western Piedmont	1,548	7.2	2.4	9.6	8.4	8.4	8.4	8.0
Wilkes	2,214	7.2	1.6	8.8	9.1	9.1	9.1	8.5
Wilson	1,118	7.7	2.8	10.5	10.6	10.6	10.6	9.2
Subtotal	**114,339**	**8.6**	**2.6**	**11.2**	**11.5**	**11.5**	**11.5**	**11.2**
			Private Institutions					
Major Research Universities								
Subtotal	**16,982**	**9.1**	**0.4**	**9.5**	**10.1**	**10.1**	**10.1**	**10.3**
General Baccalaureate Colleges								
Subtotal	**53,325**	**7.7**	**1.1**	**8.8**	**9.0**	**9.0**	**9.0**	**8.9**
Junior Colleges								
Subtotal	**944**	**6.1**	**0.2**	**6.3**	**6.2**	**6.2**	**6.2**	**6.3**
Grand Total	**280,965**	**10.7**	**1.9**	**12.6**	**12.7**	**12.7**	**12.7**	**12.6**

TABLE 6:

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilizations. (See page 24 for a discussion of what the term class laboratory includes and page 20 for precise definitions of daytime and nighttime utilizations.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 15 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 75% utilization of student stations when class labs are in use (Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES

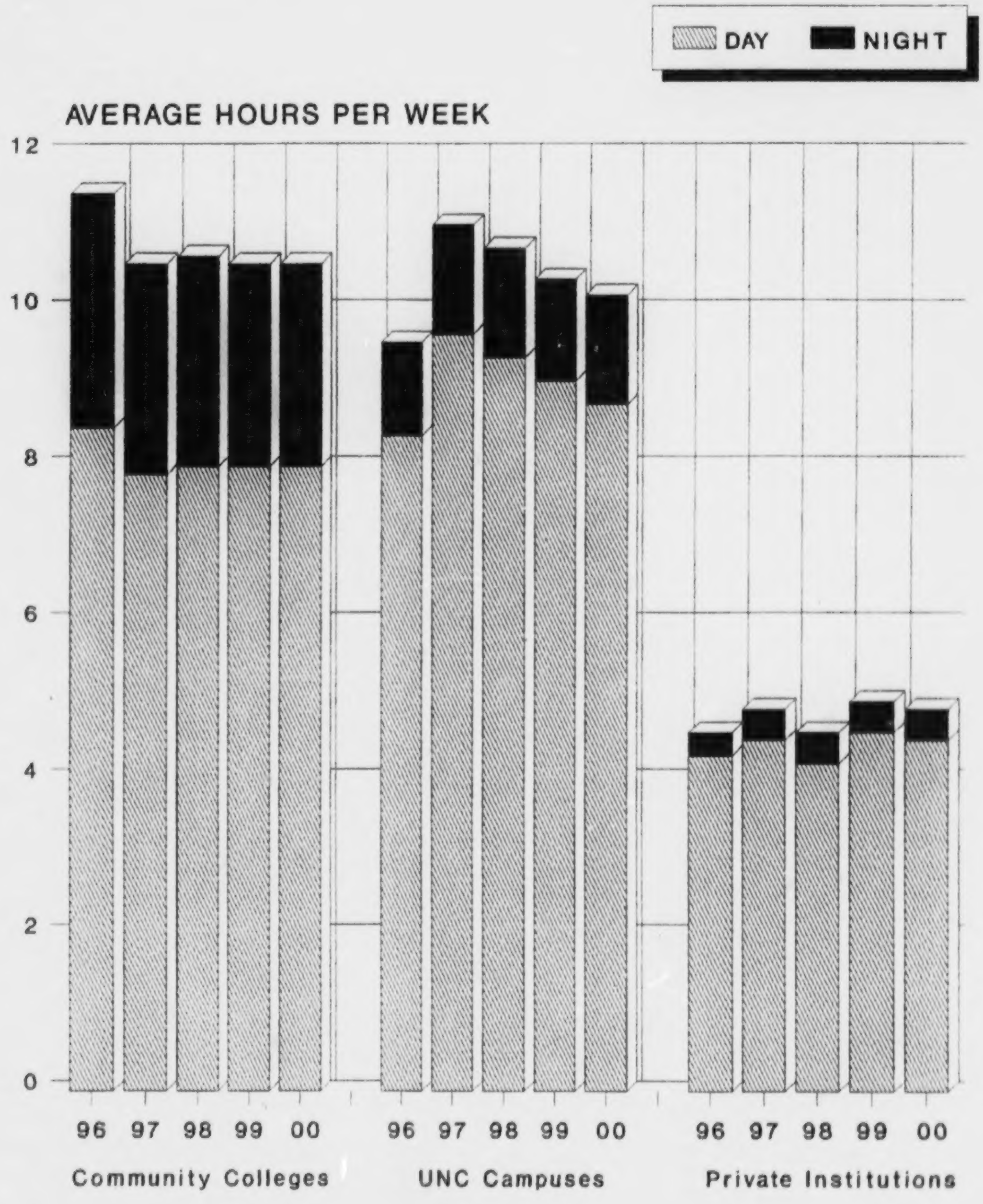


Table 6. Average Weekly Use of Student Stations in Class Laboratories

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				2000	1999	1998	1997	1996
			Public Institutions					
Research Universities I								
NC State	4,292	11.2	1.4	12.6	12.8	14.4	13.5	9.4
NCSU Veterinary School	-	-	-	-	-	-	-	-
UNC-Chapel Hill	2,018	8.5	1.6	10.1	10.8	9.6	12.4	8.2
UNC-CH Health Affairs	-	-	-	-	-	-	-	-
Subtotal	**6,310**	**10.3**	**1.5**	**11.8**	**12.1**	**12.5**	**13.2**	**9.1**
Doctoral Universities I and II								
East Carolina	3,408	10.5	1.6	12.1	12.7	12.1	12.6	13.3
ECU-Health Affairs	-	-	-	-	-	-	-	-
UNC-Greensboro	1,851	9.8	1.2	11.0	10.5	11.7	11.9	10.3
Subtotal	**5,259**	**10.3**	**1.5**	**11.8**	**11.9**	**11.9**	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	2,662	7.0	1.0	8.0	8.5	8.1	10.2	11.7
Fayetteville	1,104	8.7	1.8	10.5	9.0	9.7	10.0	8.4
NC A&T	2,826	6.4	1.0	7.4	7.8	10.7	10.4	10.0
NC Central	1,215	5.1	0.5	5.6	5.8	5.4	6.7	4.0
UNC-Charlotte	2,410	12.9	2.9	15.8	16.2	16.8	14.9	13.8
UNC-Pembroke	707	6.2	0.2	6.4	6.0	5.0	4.8	4.8
UNC-Wilmington	1,435	12.1	2.0	14.1	15.2	14.7	14.1	11.0
Western Carolina	1,413	6.7	0.5	7.2	7.4	7.6	8.7	7.3
Subtotal	**13,772**	**8.3**	**1.4**	**9.7**	**9.9**	**10.5**	**11.1**	**10.4**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	1,412	5.8	1.3	7.1	8.6	7.8	8.5	7.2
UNC-Asheville	908	6.5	0.9	7.4	8.4	7.8	6.4	6.5
Winston-Salem	976	5.6	0.6	6.2	6.1	3.4	7.0	6.3
Subtotal	**3,296**	**5.9**	**1.0**	**6.9**	**7.8**	**6.5**	**7.4**	**6.7**
Schools of Art, Music, and Design								
NC School of the Arts	1,345	8.0	1.8	9.8	9.2	10.9	10.6	7.3
Community Colleges								
Alamance	1,280	9.1	3.2	12.3	11.5	13.0	12.4	11.7
Asheville-Buncombe	1,589	5.6	2.3	7.9	8.4	9.2	10.8	12.0
Beaufort Co.	808	7.0	2.0	9.0	9.3	11.4	9.4	10.7
Bladen	497	8.2	3.0	11.2	12.1	10.7	11.8	12.1
Blue Ridge	766	7.6	3.6	11.2	11.8	13.5	11.3	7.6
Brunswick	436	5.8	1.5	7.3	5.6	6.5	8.8	11.2
Caldwell	1,301	6.4	2.9	9.3	9.4	7.9	6.5	8.9
Cape Fear	1,630	11.2	2.6	13.8	16.0	17.8	19.3	17.5
Carteret	758	6.3	2.1	8.4	8.3	7.8	6.6	9.6
Catawba Valley	1,521	8.7	3.7	12.4	10.7	12.2	14.1	13.7
Central Carolina	1,666	8.3	1.7	10.0	8.8	10.7	10.7	11.8
Central Piedmont	3,865	6.0	2.5	8.5	9.3	11.2	10.5	13.8
Cleveland	1,103	5.3	3.5	8.8	11.3	10.5	9.5	11.0
Coastal Carolina	1,264	11.7	2.8	14.5	15.4	12.6	13.5	14.0
College of the Albemarle	732	7.8	1.9	9.7	9.4	11.5	10.8	12.9
Craven	953	7.4	2.4	9.8	10.2	12.0	12.1	13.2
Davidson Co.	1,266	7.1	1.9	9.0	8.6	8.0	8.6	7.7
Durham	1,393	4.7	2.2	6.9	6.8	7.7	11.6	9.9
Edgecombe	670	8.1	3.7	11.8	12.7	11.3	14.3	14.5

Table 6. Average Weekly Use of Student Stations in Class Laboratories

Institution	Total Room Hours	Daytime Hours	Nighttime Hours	All Hours				
				2000	1999	1998	1997	1996
Fayetteville	2,842	7.3	1.6	8.9	9.7	9.8	10.6	10.6
Forsyth	1,703	6.6	2.6	9.2	8.6	8.4	8.3	9.5
Gaston College	1,377	6.3	1.8	8.1	10.0	7.4	9.1	8.5
Guilford	2,474	8.0	2.7	10.7	10.1	9.3	9.9	9.7
Halifax	479	10.4	1.4	11.8	11.0	9.0	10.9	12.9
Haywood	886	9.0	2.9	11.9	9.9	11.7	12.3	11.5
Isothermal	985	8.0	3.5	11.5	12.6	10.7	9.0	10.4
James Sprunt	522	5.5	1.2	6.7	9.9	11.5	7.2	7.0
Johnston	854	7.4	1.8	9.2	9.0	7.3	8.4	7.9
Lenoir	848	8.1	1.7	9.8	8.7	10.1	10.3	13.7
Martin	833	6.0	1.3	7.3	7.6	6.8	9.5	8.8
Mayland	250	8.7	2.2	10.9	7.7	11.5	9.1	10.3
McDowell	619	5.2	3.9	9.1	8.7	8.9	10.2	15.0
Mitchell	707	5.6	2.5	8.1	7.5	7.1	6.3	6.6
Montgomery	608	5.6	1.9	7.5	7.7	7.3	11.4	14.5
Nash	528	7.9	4.1	12.0	11.9	16.1	15.1	17.4
Pamlico	207	3.2	2.2	5.4	5.9	6.6	7.1	7.5
Piedmont	577	7.8	2.7	10.5	12.8	10.8	13.0	11.4
Pitt	1,031	14.0	2.6	16.6	17.1	14.0	14.4	14.4
Randolph	939	9.4	3.1	12.5	10.7	10.1	9.2	12.0
Richmond	500	7.2	3.8	11.0	14.8	13.1	13.4	12.5
Roanoke-Chowan	408	7.4	1.5	8.9	8.4	12.0	9.5	12.0
Robeson	1,011	7.2	2.6	9.8	10.1	11.1	9.3	10.3
Rockingham	1,142	6.6	1.7	8.3	7.3	7.9	8.5	8.9
Rowan-Cabarrus	1,266	8.8	3.3	12.1	11.5	11.5	11.4	10.1
Sampson	317	6.6	1.3	7.9	11.9	8.9	9.2	9.4
Sandhills	986	6.8	1.7	8.5	7.7	7.6	8.0	8.3
South Piedmont	628	6.7	2.9	9.6	13.8	13.2	14.1	15.2
Southeastern	929	8.2	1.3	9.5	7.6	7.2	6.2	6.9
Southwestern	628	10.6	1.7	12.3	11.1	11.5	10.0	12.3
Stanly	1,024	6.1	2.1	8.2	9.9	9.4	6.5	6.3
Surry	993	14.1	4.8	18.9	17.6	17.8	17.2	18.9
Tri-County	369	9.5	4.8	14.3	17.8	14.5	13.4	10.6
Vance-Granville	1,365	11.5	2.9	14.4	14.6	13.2	10.9	13.3
Wake	1,481	17.3	5.6	22.9	21.5	23.3	19.7	20.7
Wayne	1,241	9.7	2.0	11.7	11.3	12.6	9.4	11.1
Western Piedmont	834	5.6	2.5	8.1	6.1	6.7	6.0	12.9
Wilkes	949	5.7	1.5	7.2	8.0	9.6	8.2	8.8
Wilson	647	7.1	3.3	10.4	10.8	10.9	10.0	11.9
Subtotal	**59,485**	**8.0**	**2.6**	**10.6**	**10.6**	**10.7**	**10.6**	**11.5**
			Private Institutions					
Major Research Universities								
Subtotal	**2,797**	**3.7**	**0.2**	**3.9**	**4.2**	**3.8**	**3.9**	**4.2**
General Baccalaureate Colleges								
Subtotal	**16,318**	**4.6**	**0.5**	**5.1**	**5.2**	**4.7**	**5.0**	**4.8**
Junior Colleges								
Subtotal	**212**	**5.2**	**0.0**	**5.2**	**5.2**	**4.1**	**4.0**	**4.0**
Grand Total	**108,794**	**7.6**	**1.9**	**9.5**	**9.6**	**9.7**	**9.6**	**9.6**

TABLE 7:

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES

Percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equaled the number of stations) each time a course met in the room.

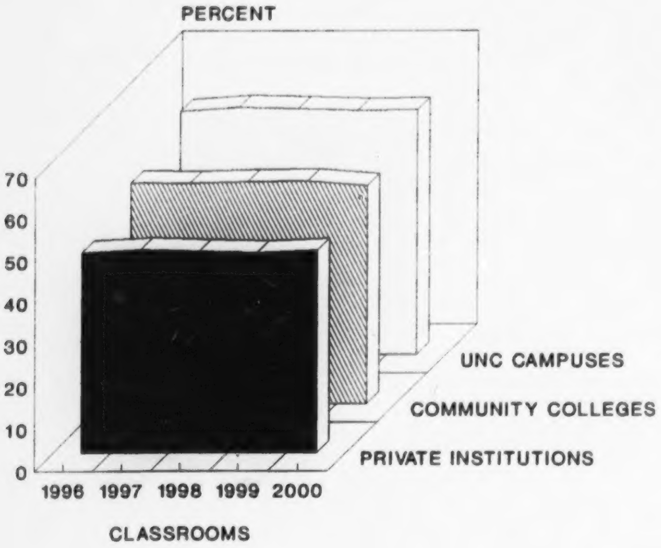
It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the overall efficiency of utilization since it does not take into account how frequently a room is used. Percent student station utilization may also be referred to as the Station Occupancy Rate (SOR).

The University of North Carolina standards are 65% for classrooms and 75% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized configuration and/or equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage for all N.C. institutions is usually less than 60%.

PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) EQUALS

$$\frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

PERCENT STUDENT STATION UTILIZATION, CLASSROOMS AND CLASS LABORATORIES



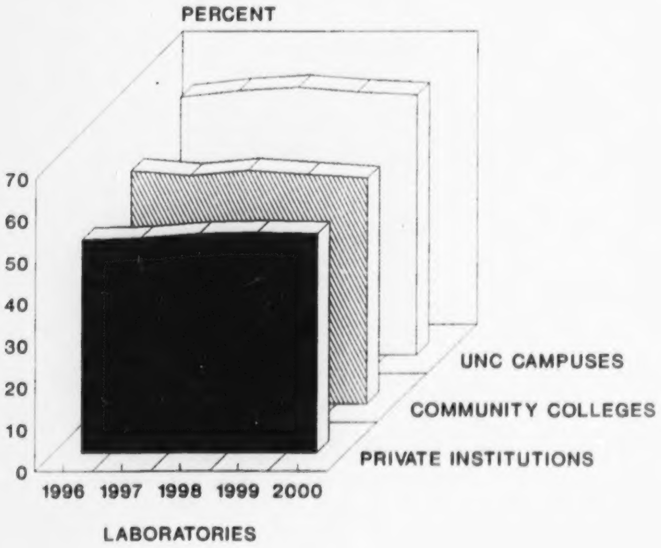


Table 7. Percent Student Station Utilization, Classrooms and Class Laboratories

Institution	Classrooms					Laboratories				
	2000	**1999**	**1998**	**1997**	**1996**	**2000**	**1999**	**1998**	**1997**	**1996**
					Public Institutions					
Research Universities I										
NC State	60.0	60.0	60.3	60.8	60.1	67.3	72.6	83.7	70.1	75.1
NCSU Veterinary School	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	60.5	61.3	61.0	59.4	59.4	60.4	59.9	63.3	60.4	55.9
UNC-CH Health Affairs	-	-	-	-	-	-	-	-	-	-
Subtotal	**60.3**	**60.6**	**60.6**	**60.2**	**59.8**	**65.2**	**68.1**	**75.8**	**66.7**	**68.9**
Doctoral Universities I and II										
East Carolina	64.2	64.8	64.1	65.2	64.0	64.4	64.3	63.8	63.6	66.2
ECU-Health Affairs	-	-	-	-	-	-	-	-	-	-
UNC-Greensboro	53.9	54.0	55.0	60.8	60.8	56.4	59.2	58.7	59.7	57.3
Subtotal	**59.7**	**60.0**	**60.1**	-	-	**61.5**	**62.6**	**62.1**	-	-
Master's (Comprehensive) Universities and Colleges I										
Appalachian	61.7	58.9	61.5	59.6	60.1	56.6	55.4	59.7	60.1	58.3
Fayetteville	51.0	57.2	52.3	52.3	51.0	60.1	66.5	58.9	63.9	58.6
NC A&T	62.6	61.9	59.4	59.4	59.9	70.7	65.7	65.2	66.4	62.6
NC Central	50.9	48.3	50.1	51.0	49.5	52.8	52.3	47.8	64.1	49.1
UNC-Charlotte	62.5	61.7	63.3	62.0	60.5	65.8	67.4	69.3	66.1	62.3
UNC-Pembroke	52.0	51.1	52.0	55.3	51.0	51.4	57.1	47.4	56.4	64.1
UNC-Wilmington	63.1	62.4	62.6	61.5	58.2	67.5	67.4	64.7	67.7	66.6
Western Carolina	50.4	51.9	52.4	53.5	53.2	53.2	49.5	55.8	52.7	48.4
Subtotal	**58.7**	**58.2**	**58.6**	**59.6**	**58.4**	**62.1**	**61.8**	**62.4**	**63.4**	**61.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	44.5	42.9	42.4	43.9	42.9	55.8	55.8	50.1	52.2	47.1
UNC-Asheville	51.4	52.7	54.1	52.8	47.8	58.1	60.1	61.0	46.2	49.9
Winston-Salem	40.9	38.5	42.7	42.8	44.3	52.3	51.5	40.5	57.7	57.0
Subtotal	**45.6**	**44.8**	**46.5**	**46.5**	**45.2**	**55.4**	**56.0**	**51.4**	**51.7**	**50.1**
Schools of Art, Music, and Design										
NC School of the Arts	57.5	59.3	67.9	61.4	57.4	63.4	65.7	62.3	74.5	54.9
Community Colleges										
Alamance	46.4	42.5	45.0	45.8	37.3	53.7	47.4	54.5	52.5	47.6
Asheville-Buncombe	55.3	55.3	57.7	55.7	56.5	50.8	52.9	52.7	53.5	53.2
Beaufort Co.	45.5	53.3	58.1	52.9	53.1	51.8	51.0	72.0	61.7	59.2
Bladen	54.5	50.7	49.4	54.2	43.5	52.5	61.8	48.6	50.9	54.4
Blue Ridge	47.9	54.3	54.2	48.8	48.7	54.5	55.9	62.0	53.0	55.9
Brunswick	48.1	50.8	48.6	49.6	49.5	45.9	43.7	49.6	47.3	57.9
Caldwell	53.9	55.5	58.3	56.0	54.4	55.1	52.1	55.0	57.6	61.2
Cape Fear	60.5	66.2	60.7	60.0	59.6	55.1	65.2	65.2	66.6	64.5
Carteret	51.9	56.1	53.5	63.2	58.1	53.5	54.3	52.1	50.0	52.4
Catawba Valley	54.4	57.7	59.4	56.1	53.7	58.4	55.5	60.0	57.9	57.0
Central Carolina	52.0	54.8	53.3	50.1	52.6	61.0	56.3	58.5	57.1	59.7
Central Piedmont	47.5	48.1	52.9	53.4	53.6	43.9	49.7	48.1	45.2	44.7
Cleveland	45.5	49.8	44.3	48.0	49.6	47.5	54.1	50.7	50.7	57.5
Coastal Carolina	56.4	58.9	63.0	61.7	65.7	56.5	58.3	62.6	62.4	63.4
College of the Albemarle	52.5	51.4	43.2	46.7	44.1	58.6	63.1	57.5	55.1	57.4
Craven	44.3	43.0	42.7	43.2	47.9	44.0	42.2	46.6	45.2	48.5
Davidson Co.	44.2	47.8	45.5	49.7	51.7	48.0	47.8	48.8	51.6	45.3
Durham	60.4	57.8	61.9	60.7	53.5	58.0	58.5	61.2	57.9	55.4
Edgecombe	54.1	55.3	57.0	61.2	60.7	60.6	61.5	57.9	62.0	62.7

Table 7. *Percent Student Station Utilization, Classrooms and Class Laboratories*

Institution	Classrooms					Laboratories				
	2000	**1999**	**1998**	**1997**	**1996**	**2000**	**1999**	**1998**	**1997**	**1996**
Fayetteville	46.1	49.9	50.2	47.3	49.7	50.5	53.4	54.2	52.3	57.0
Forsyth	57.3	60.5	55.7	55.1	56.8	57.4	58.4	58.3	57.9	60.3
Gaston College	53.3	50.6	51.5	45.1	47.9	62.7	61.5	55.5	52.8	52.3
Guilford	61.1	62.6	61.6	64.8	58.1	65.8	61.7	65.0	67.2	63.4
Halifax	46.9	50.3	52.5	48.7	54.9	60.7	49.7	47.6	47.3	53.6
Haywood	47.8	47.8	49.4	52.2	54.2	52.0	49.2	56.5	54.7	54.2
Isothermal	61.3	56.1	52.5	52.5	49.6	60.3	61.0	56.4	50.9	52.8
James Sprunt	44.9	50.0	52.5	48.2	50.8	45.6	50.9	60.8	44.2	42.7
Johnston	59.1	60.1	50.4	47.2	50.5	58.8	66.4	54.8	48.7	53.1
Lenoir	49.5	51.8	57.9	57.1	56.4	61.1	49.1	59.6	61.7	66.8
Martin	45.6	49.9	48.2	55.6	63.2	40.4	45.1	37.9	54.0	50.0
Mayland	55.9	53.8	55.9	53.9	52.1	59.0	49.4	64.2	54.4	52.8
McDowell	47.9	54.4	54.6	56.3	55.0	54.0	51.6	50.9	50.3	61.3
Mitchell	50.1	51.5	51.7	51.9	50.2	59.9	52.9	53.7	57.5	50.9
Montgomery	32.1	28.9	26.3	61.9	47.3	44.8	50.8	55.5	54.4	63.0
Nash	52.9	56.6	58.8	57.5	57.6	59.8	58.1	66.9	73.4	80.3
Pamlico	34.7	34.9	39.3	36.4	39.2	28.6	30.7	32.7	34.6	39.9
Piedmont	60.5	55.6	53.3	51.8	54.2	51.9	61.1	56.8	58.4	58.1
Pitt	62.0	60.6	59.8	59.2	60.7	68.6	70.4	64.4	66.2	67.5
Randolph	52.1	53.9	52.5	53.5	62.5	62.6	65.2	58.7	63.4	62.4
Richmond	49.3	54.6	56.9	53.0	57.3	52.1	60.1	59.8	62.1	63.3
Roanoke-Chowan	51.8	51.9	49.9	46.1	52.5	43.6	34.7	47.4	39.6	53.8
Robeson	62.0	62.6	60.8	55.6	52.7	51.2	52.2	57.9	57.2	63.4
Rockingham	55.9	47.3	50.9	49.3	53.3	42.5	40.3	43.8	52.8	44.1
Rowan-Cabarrus	47.9	47.6	48.5	48.2	48.3	60.6	62.0	60.3	55.7	50.3
Sampson	46.5	53.0	51.0	57.5	49.1	49.3	59.8	50.9	49.1	57.1
Sandhills	57.9	57.8	47.3	47.7	50.8	48.1	52.7	52.7	48.3	54.5
South Piedmont	59.2	58.8	54.7	51.6	60.3	46.0	51.1	47.9	42.6	53.6
Southeastern	46.6	48.5	37.9	36.9	45.1	52.3	48.3	43.0	37.0	45.2
Southwestern	49.2	53.2	56.0	51.2	54.8	61.7	61.4	68.4	68.6	74.4
Stanly	38.4	38.8	41.6	43.0	41.0	36.3	40.5	38.7	31.3	36.9
Surry	52.9	51.7	55.2	56.9	60.1	60.9	59.7	63.7	59.7	63.4
Tri-County	36.0	37.1	41.0	51.3	42.3	57.9	69.2	63.4	61.8	58.0
Vance-Granville	57.0	56.0	55.8	54.3	51.8	57.1	54.9	56.9	55.0	51.7
Wake	63.6	64.2	64.2	61.8	59.4	70.1	72.2	75.6	71.3	67.8
Wayne	52.3	50.9	57.4	56.1	56.0	46.9	46.7	53.8	59.4	63.9
Western Piedmont	44.8	44.8	45.3	49.6	51.2	49.7	53.0	54.1	55.8	61.3
Wilkes	36.3	36.8	37.3	38.0	38.6	33.2	40.3	43.3	37.3	41.8
Wilson	49.7	50.4	47.6	46.2	48.6	50.9	51.1	53.3	53.4	59.3
Subtotal	**52.0**	**53.1**	**53.0**	**52.6**	**52.8**	**53.9**	**54.8**	**55.8**	**54.5**	**55.8**
				Private Institutions						
Major Research Universities										
Subtotal	**53.4**	**55.9**	**57.2**	**55.8**	**52.2**	**59.3**	**59.4**	**56.5**	**54.1**	**58.8**
General Baccalaureate Colleges										
Subtotal	**46.6**	**45.2**	**45.2**	**46.3**	**46.0**	**51.7**	**51.8**	**52.0**	**51.1**	**50.0**
Junior Colleges										
Subtotal	**48.5**	**46.0**	**45.7**	**54.4**	**56.3**	**44.4**	**48.5**	**39.9**	**44.0**	**49.4**
Grand Total	**53.9**	**54.2**	**54.4**	**54.5**	**54.0**	**55.9**	**56.7**	**57.7**	**56.6**	**57.0**

TABLE 8:

STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall drop-add period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 24. The columns headed "Other" reflect instruction in rooms coded other than 110 and 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room use code structure is presented on pp. 93-94.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	15
Private Institutions	13
Community/Technical Colleges	19
By Level:	
Major Research Universities	14
Other Baccalaureate-Granting Institutions	14
Two-year Institutions	19
All North Carolina Institutions	16

Table 8. Student Clock Hours of Instruction

Institution	2000			1999			1998		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
				Public Institutions					
Research Universities I									
NC State	281,076.5	53,887.5	25,945.0	278,675.5	44,486.5	34,074.0	277,762.0	44,982.5	37,930.0
NCSU Veterinary School	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	233,072.5	20,457.0	7,934.0	230,490.5	20,349.5	7,319.0	222,457.5	21,392.0	9,512.5
UNC-CH Health Affairs	-	-	-	-	-	-	-	-	-
Subtotal	**514,149.0**	**74,344.5**	**33,879.0**	**509,166.0**	**64,836.0**	**41,393.0**	**500,219.5**	**66,374.5**	**47,442.5**
Doctoral Universities I and II									
East Carolina	180,548.0	41,332.0	7,510.0	181,630.5	43,506.0	5,381.0	174,196.5	40,432.5	5,092.0
ECU-Health Affairs	-	-	-	-	-	-	-	-	-
UNC-Greensboro	118,238.5	20,339.0	11,383.0	121,235.5	19,339.0	10,929.5	116,098.5	18,619.5	10,916.5
Subtotal	**298,786.5**	**61,671.0**	**18,893.0**	**302,866.0**	**62,845.0**	**16,310.5**	**290,295.0**	**59,052.0**	**16,008.5**
Master's (Comprehensive) Universities and Colleges I									
Appalachian	143,109.0	21,187.5	16,628.5	132,058.5	22,635.5	14,557.0	139,910.0	21,000.5	19,879.5
Fayettevile	39,775.5	11,599.5	2,791.0	43,017.0	9,614.0	3,720.5	39,412.5	8,182.0	3,077.0
NC A&T	91,731.0	20,711.0	3,345.0	90,286.0	20,577.5	4,881.0	81,997.0	23,740.5	3,915.0
NC Central	56,813.5	6,754.0	6,033.5	55,085.5	7,491.5	6,736.5	59,532.0	6,870.5	5,221.0
UNC-Charlotte	162,852.5	38,136.5	10,535.0	162,544.5	39,695.5	9,061.0	162,763.0	41,721.5	8,020.0
UNC-Pembroke	33,539.5	4,481.5	3,549.5	29,728.0	4,179.5	3,669.0	29,911.0	3,512.5	2,880.0
UNC-Wilmington	101,851.5	20,342.5	13,055.0	105,601.5	18,992.5	12,154.0	106,258.0	19,718.5	11,264.5
Western Carolina	60,774.5	10,252.0	12,123.5	62,887.5	10,282.5	9,152.0	62,905.5	10,662.0	10,543.5
Subtotal	**690,447.0**	**133,464.5**	**68,061.0**	**681,208.5**	**133,468.5**	**63,931.0**	**682,689.0**	**135,408.0**	**64,800.5**
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	23,595.0	9,949.5	1,006.5	23,591.0	9,922.0	1,884.5	21,940.5	9,015.0	2,515.0
UNC-Asheville	32,801.5	6,661.0	5,051.0	32,663.0	7,877.0	4,258.5	32,424.5	6,370.0	5,353.0
Winston-Salem	27,961.5	6,092.5	3,299.0	22,935.5	5,655.5	5,358.5	26,994.0	2,868.5	5,071.0
Subtotal	**84,358.0**	**22,703.0**	**9,356.5**	**79,189.5**	**23,454.5**	**11,501.5**	**81,359.0**	**18,253.5**	**12,939.0**
Schools of Art, Music, and Design									
NC School of the Arts	8,306.0	13,152.5	6,618.5	8,547.5	12,371.5	7,551.5	10,328.0	13,500.5	8,054.5
Community Colleges									
Alamance	23,681.5	15,816.5	2,379.0	23,055.5	14,361.5	1,895.5	24,456.5	16,280.0	1,129.0
Asheville-Buncombe	46,110.0	12,484.5	5,274.5	43,264.5	13,492.0	5,788.0	44,168.5	12,721.0	5,244.0
Beaufort Co	8,315.0	7,247.0	292.0	9,733.0	7,328.0	1,655.0	9,885.5	8,848.5	558.0
Bladen	6,905.5	5,533.5	593.0	6,394.0	6,026.5	271.0	5,185.0	5,083.0	247.0
Blue Ridge	17,858.5	8,605.0	819.5	14,927.0	8,907.0	546.0	16,767.0	10,086.0	1,634.0
Brunswick	13,357.0	3,178.5	1,185.0	14,315.5	2,875.5	2,118.0	12,307.5	3,497.0	742.0
Caldwell	25,116.0	12,192.5	1,939.5	22,874.0	11,625.5	3,138.5	17,399.5	10,192.0	899.0
Cape Fear	43,349.0	22,455.0	2,222.0	44,417.5	22,845.5	1,464.0	31,994.5	20,105.5	1,463.0
Carteret	12,665.0	6,371.5	689.5	13,738.0	5,452.5	1,248.5	12,715.0	5,186.0	748.0
Catawba Valley	30,255.5	18,817.0	8,117.0	29,784.0	15,434.5	5,747.5	28,417.5	17,170.5	5,688.5
Central Carolina	29,666.0	16,634.0	3,726.5	33,797.0	14,651.5	4,032.0	31,064.5	17,655.0	2,844.5
Central Piedmont	101,181.5	33,205.0	8,278.5	101,801.5	33,684.0	5,509.0	111,063.0	35,343.5	6,621.5
Cleveland	13,782.0	9,696.5	1,355.0	13,410.5	10,647.0	2,203.0	12,706.0	9,918.0	1,292.0
Coastal Carolina	32,013.0	18,298.5	1,137.0	33,911.0	19,450.0	1,259.0	29,912.0	15,939.0	1,041.0
College of the Albemarle	15,748.5	7,078.0	7,990.0	14,287.5	6,472.5	11,505.5	14,475.5	6,569.0	7,155.5
Craven	13,870.5	9,291.5	1,994.0	13,601.5	9,821.5	5,405.0	14,991.0	8,934.0	4,800.0
Davidson Co	17,959.0	11,404.0	1,763.0	19,341.0	10,643.5	2,298.5	19,199.5	10,286.0	1,321.5
Durham	25,983.5	9,609.5	843.5	28,445.0	8,833.0	880.5	30,376.0	9,483.5	605.0
Edgecombe	13,548.5	7,904.5	284.0	13,875.5	8,481.5	0.0	13,722.5	7,853.0	0.0

Table 8. Student Clock Hours of Instruction

Institution	2000			1999			1998		
	Classroom	Laboratory	Other	Classroom	Laboratory	Other	Classroom	Laboratory	Other
Fayetteville	64,051.0	25,227.5	3,366.0	69,357.5	27,642.5	3,246.0	69,484.5	24,901.0	2,903.5
Forsyth	48,252.5	15,782.0	3,685.0	40,340.0	16,572.5	4,732.0	36,727.0	16,008.5	3,010.5
Gaston College	34,392.0	11,237.5	2,653.0	29,362.5	11,510.5	2,028.5	28,763.5	7,696.0	2,253.5
Guilford	55,116.0	26,597.5	4,269.0	69,012.5	24,519.5	2,510.5	63,144.0	22,304.0	2,513.0
Halifax	13,725.0	5,649.5	379.0	15,311.5	5,075.5	124.0	15,550.0	4,578.0	508.0
Haywood	13,474.5	10,588.5	1,359.0	10,556.5	8,794.5	926.5	11,097.5	10,367.5	364.0
Isothermal	14,765.5	11,313.5	2,229.5	13,366.0	12,182.0	4,335.5	11,142.5	10,260.5	3,546.0
James Sprunt	8,565.5	3,484.0	982.5	7,295.5	5,175.5	759.0	8,290.0	6,455.5	2,079.5
Johnston	21,851.5	7,833.5	4,133.5	20,782.5	7,357.5	6,399.0	20,600.0	7,708.5	2,310.0
Lenoir	20,349.5	8,254.0	1,468.5	21,504.0	7,079.0	3,702.0	24,797.0	7,482.5	3,255.0
Martin	3,502.0	6,083.0	167.0	4,030.0	6,938.0	116.0	3,628.0	6,108.0	450.0
Mayland	5,871.0	2,714.0	192.0	6,166.5	1,936.5	305.0	5,159.5	2,871.5	253.0
McDowell	3,846.0	5,661.5	2,769.5	4,324.5	5,278.0	2,070.0	4,257.0	4,989.5	1,880.5
Mitchell	19,986.0	5,689.5	2,429.0	19,499.5	5,463.5	2,460.5	19,025.0	5,179.0	2,168.0
Montgomery	2,792.0	4,564.0	819.0	2,740.5	4,863.5	1,402.0	2,411.0	4,380.0	1,112.0
Nash	19,256.0	6,298.5	3,889.5	17,965.0	5,803.5	2,595.0	18,557.0	7,696.0	2,467.0
Pamlico	2,086.0	1,124.0	0.0	1,757.0	1,227.0	0.0	2,522.5	1,014.0	20.0
Piedmont	10,761.5	6,098.0	657.0	8,240.5	7,120.0	677.0	8,580.0	6,111.5	911.0
Pitt	39,434.5	17,077.5	1,056.0	37,866.5	17,434.0	808.0	33,584.0	13,696.5	2,471.0
Randolph	17,360.0	11,753.0	1,716.0	16,344.5	9,924.5	2,284.5	15,210.0	9,672.0	1,405.5
Richmond	13,466.5	5,514.5	258.0	15,871.5	6,876.5	74.0	15,258.5	6,012.0	486.0
Roanoke-Chowan	6,830.0	3,614.5	4,703.0	6,521.0	3,240.0	1,467.0	6,337.0	4,598.0	2,263.0
Robeson	25,991.5	9,893.5	986.0	25,829.0	10,205.0	896.0	14,029.0	11,196.5	870.0
Rockingham	18,532.5	9,440.5	1,554.0	14,799.0	8,044.5	1,801.0	16,790.5	8,765.0	1,946.0
Rowan-Cabarrus	32,487.5	15,337.0	1,014.5	31,976.5	14,242.0	184.5	29,251.5	10,991.0	371.0
Sampson	15,962.0	2,494.5	702.0	16,700.5	3,983.5	1,085.0	14,623.5	2,990.0	902.0
Sandhills	23,078.0	8,316.5	2,941.0	21,923.0	7,700.0	2,017.5	16,323.0	7,909.0	4,440.5
South Piedmont	12,155.5	5,999.5	597.0	10,331.5	8,478.5	713.0	6,433.0	6,687.0	755.0
Southeastern	16,120.5	8,812.5	2,048.0	17,686.5	6,968.0	2,463.0	15,629.0	6,328.0	2,694.5
Southwestern	13,204.5	7,698.5	1,993.5	13,631.0	7,577.5	2,426.0	12,567.0	7,645.5	4,278.5
Stanly	11,873.0	8,375.0	563.0	12,987.0	10,250.0	525.0	15,446.5	9,972.0	392.0
Surry	24,995.0	18,762.0	3,482.5	23,533.0	17,540.0	3,289.0	20,563.0	17,759.0	3,425.0
Tri-County	7,970.5	5,262.5	533.0	8,265.0	6,565.0	1,127.5	10,015.5	4,959.5	481.0
Vance-Granville	23,472.5	19,657.0	1,253.0	22,320.0	19,272.0	3,942.5	21,204.0	16,465.0	1,633.5
Wake	60,557.5	33,821.0	5,702.5	61,958.0	29,350.5	5,191.0	56,732.5	28,819.5	4,283.5
Wayne	20,674.5	14,570.5	1,758.5	21,936.5	14,071.5	1,495.0	23,316.0	15,346.5	2,013.0
Western Piedmont	14,939.0	6,754.5	1,401.0	13,405.5	4,739.5	1,107.5	13,431.5	4,914.0	2,670.0
Wilkes	19,484.5	6,890.5	2,725.5	20,037.0	7,559.0	2,838.0	18,296.0	9,348.5	2,828.0
Wilson	11,770.0	6,727.5	1,266.0	11,025.0	7,093.5	2,736.0	9,561.5	7,158.5	192.0
Subtotal	**1,284,368.5**	**626,795.0**	**124,584.5**	**1,281,533.0**	**616,687.0**	**133,824.0**	**1,219,145.0**	**598,495.0**	**116,839.0**
				Private Institutions					
Major Research Universities									
Subtotal	**162,031.5**	**11,006.0**	**18,880.5**	**165,656.0**	**11,172.0**	**17,082.5**	**167,499.0**	**9,953.0**	**15,577.0**
General Baccalaureate Colleges									
Subtotal	**470,307.5**	**83,130.0**	**47,142.5**	**459,166.5**	**81,752.5**	**48,751.5**	**455,693.5**	**75,108.0**	**45,610.5**
Junior Colleges									
Subtotal	**5,947.5**	**1,108.0**	**1,555.5**	**5,859.0**	**1,094.5**	**403.5**	**5,876.5**	**878.0**	**1,237.5**
Grand Total	**3,518,701.5**	**1,027,373.0**	**328,971.0**	**3,493,192.0**	**1,007,681.5**	**340,749.0**	**3,413,104.5**	**977,022.5**	**328,509.0**

TABLE 9:

SPACE FACTORS

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. For example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of 0.79:

$$\text{Classroom Space Factor} = \frac{18}{35 \text{ X } .65} = 0.79$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. The current average can be calculated by using the state averages for the three required indices from Tables 3, 7, and 16:

$$\text{Classroom Space Factor} = \frac{19}{21.3 \text{ X } .537} = 1.66$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. This variance results in a wide range of space factors and makes the defining of norms difficult. Standards adopted by the University of North Carolina (See Table 11) classify class laboratories into four categories, based on discipline requirements, and assign a space factor (and other criteria) for each:

High Intensive (e.g., Engineering and intensive Fine Arts) is assigned a Space Factor standard of 7.20. This is based on standards of 20 Weekly Room Hours (Room Utilization Rate), a Percent Student Station Utilization (or Station Occupancy Rate) of 0.75, and ASF per Student Station (Station Size) of 108 square feet.

Intensive (e.g., Architecture, less intensive Fine Arts, Health Professions, Library and Physical Sciences) is assigned a Space Factor Standard of 4.67. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 70 square feet.

Moderately Intensive (e.g., Agriculture, Biological Sciences, Education) is assigned a Space Factor standard of 3.33. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per student Station of 50 square feet.

Non-Intensive (e.g., Business, Communications, Languages) is assigned a Space Factor of 2.20. This is based on standards of 20 Weekly Room Hours, a Percent Student Station Utilization of 0.75, and ASF per Student Station of 33 square feet.

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2000	1999	1998	1997	1996	2000	1999	1998	1997	1996	2000	1999	1998	1997	1996
						Public Institutions									
Research Universities I															
NC State	0.74	0.73	0.71	0.73	0.72	3.07	2.79	2.51	2.95	4.61	1.11	1.01	0.96	1.04	1.42
NCSU Veterinary School	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Chapel Hill	0.92	0.93	0.89	0.88	0.99	3.72	3.69	3.56	3.13	4.18	1.14	1.15	1.12	1.07	1.27
UNC-CH Health Affairs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	**0.82**	**0.82**	**0.79**	**0.79**	**0.84**	**3.25**	**3.07**	**2.85**	**3.01**	**4.50**	**1.12**	**1.07**	**1.03**	**1.05**	**1.35**
Doctoral Universities I and II															
East Carolina	0.88	0.87	0.93	0.93	0.97	3.14	2.99	3.10	3.08	3.02	1.30	1.28	1.34	1.32	1.35
ECU-Health Affairs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC-Greensboro	0.97	0.98	1.01	0.95	0.95	3.56	3.83	3.64	3.50	3.92	1.35	1.37	1.38	1.29	1.33
Subtotal	**0.92**	**0.91**	**0.96**	-	-	**3.28**	**3.25**	**3.27**	-	-	**1.32**	**1.31**	**1.35**	-	-
Master's (Comprehensive) Universities and Colleges I															
Appalachian	1.13	1.21	1.15	1.13	1.10	5.22	4.93	5.13	4.07	3.54	1.66	1.76	1.67	1.55	1.49
Fayetteville	1.48	1.37	1.35	1.37	1.61	3.64	4.39	4.47	4.33	3.49	1.97	1.92	1.89	1.87	1.99
NC A&T	1.09	1.13	1.17	1.30	1.25	5.08	4.46	3.16	3.11	3.28	1.82	1.74	1.61	1.71	1.68
NC Central	1.63	1.58	1.46	1.55	1.82	6.11	5.27	5.75	4.58	8.41	2.11	2.02	1.91	1.96	2.46
UNC-Charlotte	0.62	0.63	0.62	0.67	0.71	2.32	2.37	2.28	2.22	2.24	0.95	0.97	0.96	0.97	1.00
UNC-Pembroke	1.44	1.62	1.61	1.60	1.64	5.19	5.44	6.47	6.41	6.52	1.88	2.09	2.12	2.11	2.17
UNC-Wilmington	0.70	0.68	0.69	0.74	0.75	2.57	2.41	2.55	2.62	3.84	1.01	0.94	0.98	1.05	1.19
Western Carolina	1.42	1.38	1.39	1.46	1.41	6.06	5.85	5.64	4.55	5.11	2.09	2.00	2.00	1.96	1.95
Subtotal	**1.04**	**1.05**	**1.04**	**1.05**	**1.09**	**3.94**	**3.80**	**3.60**	**3.27**	**3.47**	**1.51**	**1.50**	**1.46**	**1.44**	**1.49**
Baccalaureate (Liberal Arts) Universities and Colleges I and II															
Elizabeth City	1.71	1.64	1.85	1.77	1.87	4.87	4.15	4.57	4.21	5.03	2.65	2.38	2.64	2.50	2.71
UNC-Asheville	1.09	1.12	1.18	1.25	1.29	5.01	4.25	4.78	5.05	5.04	1.75	1.73	1.77	1.85	1.86
Winston-Salem	1.78	2.07	1.77	1.65	1.95	4.75	4.58	8.02	3.84	4.55	2.32	2.57	2.37	2.03	2.31
Subtotal	**1.49**	**1.55**	**1.55**	**1.53**	**1.67**	**4.88**	**4.29**	**5.19**	**4.34**	**4.91**	**2.21**	**2.18**	**2.22**	**2.11**	**2.26**
Schools of Art, Music, and Design															
NC School of the Arts	2.46	2.39	1.84	2.04	2.16	4.91	5.22	4.41	4.53	8.53	3.96	4.07	3.30	3.54	5.43
Community Colleges															
Alamance	1.55	1.67	1.58	1.59	1.98	3.66	3.91	3.45	3.59	3.75	2.40	2.53	2.33	2.38	2.69
Asheville-Buncombe	1.89	1.78	1.52	1.66	1.60	7.68	7.19	7.38	6.42	5.86	3.12	3.06	2.83	2.92	2.75
Beaufort Co.	2.41	2.06	2.39	2.91	2.62	5.90	5.83	4.49	5.47	4.84	4.04	3.68	3.38	4.11	3.75
Bladen	2.14	2.40	2.95	2.52	1.86	5.44	5.00	5.59	4.63	5.71	3.61	3.66	4.26	3.68	3.45
Blue Ridge	2.59	2.92	2.70	3.18	2.47	8.59	8.18	7.32	8.71	12.97	4.54	4.89	4.43	5.35	5.36
Brunswick	3.03	2.51	2.39	1.60	1.56	7.34	9.92	8.46	6.50	5.39	3.86	3.75	3.73	2.65	2.51
Caldwell	2.00	2.00	2.62	2.85	2.15	5.99	5.69	6.81	10.13	7.98	3.31	3.24	4.17	5.07	4.04
Cape Fear	1.86	1.78	1.63	1.08	1.10	3.79	3.59	3.64	3.11	3.23	2.52	2.40	2.40	1.80	1.82
Carteret	1.83	1.49	1.59	1.39	1.35	5.67	5.68	5.97	6.90	4.23	3.12	2.68	2.86	2.68	2.25
Catawba Valley	1.68	1.59	1.71	1.65	1.55	4.73	5.61	4.87	4.14	4.29	2.85	2.96	2.90	2.63	2.68
Central Carolina	2.63	2.31	1.56	1.55	1.45	4.02	4.56	3.73	3.80	3.71	3.13	2.99	2.35	2.37	2.25
Central Piedmont	1.75	1.81	1.54	1.43	1.19	5.63	5.44	4.81	5.39	4.06	2.71	2.72	2.33	2.34	1.91
Cleveland	2.25	1.49	1.63	1.61	1.55	4.70	3.73	3.93	4.38	3.74	3.26	2.48	2.64	2.76	2.52
Coastal Carolina	1.38	1.29	1.51	1.72	1.42	3.32	3.13	3.79	3.66	3.46	2.09	1.96	2.30	2.45	2.10
College of the Albemarle	1.95	1.93	1.67	1.52	1.36	4.56	4.92	4.39	4.84	3.95	2.76	2.86	2.52	2.45	2.20
Craven	2.62	2.26	1.96	1.91	1.69	3.90	3.63	3.03	2.99	2.77	3.13	2.83	2.36	2.31	2.08
Davidson Co.	2.43	2.27	2.61	2.74	1.90	4.97	5.36	5.83	5.43	5.44	3.41	3.37	3.73	3.76	2.78
Durham	2.11	1.86	1.81	1.39	1.85	6.93	7.47	6.71	4.47	5.39	3.41	3.19	2.98	2.34	2.89
Edgecombe	1.82	1.76	2.04	2.02	1.89	4.30	4.01	4.54	3.83	3.75	2.73	2.61	2.95	2.74	2.60

Table 9. Space Factors

Institution	Classrooms					Laboratories					Teaching Areas				
	2000	**1999**	**1998**	**1997**	**1996**	**2000**	**1999**	**1998**	**1997**	**1996**	**2000**	**1999**	**1998**	**1997**	**1996**
Fayetteville	1.75	1.57	1.58	1.56	1.34	4.63	4.20	4.34	3.90	4.33	2.56	2.32	2.31	2.23	1.95
Forsyth	1.91	2.35	2.60	1.90	1.72	6.37	6.63	6.80	6.96	6.33	3.01	3.60	3.87	3.41	3.01
Gaston College	2.08	2.29	2.06	2.08	1.72	6.21	5.35	7.44	6.13	6.38	3.10	3.15	3.19	3.16	2.79
Guilford	2.55	2.11	2.29	2.31	2.26	5.76	5.97	6.40	6.39	6.29	3.60	3.12	3.36	3.42	3.37
Halifax	2.62	2.31	1.74	1.88	1.70	5.86	5.78	6.63	5.50	4.29	3.56	3.17	2.85	2.86	2.49
Haywood	1.76	2.24	2.13	2.04	1.68	5.84	7.03	5.96	6.15	4.77	3.55	4.42	3.98	3.96	3.44
Isothermal	1.88	1.98	2.31	2.53	2.31	4.20	3.57	4.38	5.41	4.65	2.89	2.74	3.30	3.86	3.42
James Sprunt	2.81	3.30	2.84	2.48	2.36	6.16	4.15	3.46	6.02	6.41	3.78	3.65	3.11	3.54	3.52
Johnston	1.72	1.69	1.72	1.44	1.46	5.05	5.53	6.07	5.01	5.19	2.59	2.69	2.90	2.58	2.64
Lenoir	3.28	2.85	2.52	2.55	1.80	5.33	6.09	5.64	5.52	3.63	3.87	3.65	3.24	3.33	2.32
Martin	4.98	4.01	4.46	3.08	2.17	6.43	6.08	6.90	5.35	5.72	5.90	5.32	5.99	4.44	4.02
Mayland	3.80	3.69	4.29	3.89	2.17	4.72	6.61	4.46	6.15	5.30	4.09	4.39	4.35	4.53	3.01
McDowell	3.18	2.69	2.84	3.50	2.16	5.27	5.70	5.63	5.07	3.30	4.42	4.34	4.34	4.47	2.93
Mitchell	2.17	2.15	2.18	2.26	2.11	5.86	6.36	6.71	7.63	7.17	2.99	3.07	3.15	3.36	3.23
Montgomery	4.79	4.67	5.16	4.42	3.32	6.35	6.14	6.06	4.33	3.51	5.76	5.61	5.74	4.34	3.47
Nash	1.50	1.43	1.38	1.64	1.43	5.15	5.37	4.05	4.45	3.62	2.40	2.39	2.16	2.48	2.11
Pamlico	3.44	4.09	2.01	2.75	2.21	8.21	7.52	7.74	7.23	7.77	5.11	5.50	3.65	4.35	3.87
Piedmont	2.07	2.48	2.30	2.67	2.16	4.75	4.16	4.96	4.35	5.02	3.04	3.26	3.41	3.57	3.57
Pitt	0.99	1.00	1.17	1.41	1.01	3.11	3.05	3.86	3.73	3.75	1.63	1.65	1.95	2.17	1.82
Randolph	2.44	2.39	2.52	2.65	2.22	5.08	6.01	6.49	7.25	5.56	3.51	3.76	4.06	4.37	3.76
Richmond	1.52	1.29	1.43	1.55	1.55	4.81	3.86	4.69	5.01	5.55	2.48	2.07	2.35	2.64	2.72
Roanoke-Chowan	1.71	1.73	1.78	1.92	1.65	6.43	5.98	4.21	5.35	4.33	3.34	3.14	2.80	3.23	2.71
Robeson	1.33	1.34	1.83	1.84	1.59	3.90	3.78	3.44	4.11	3.70	2.04	2.03	2.54	2.75	2.46
Rockingham	2.03	2.52	2.22	2.23	1.97	6.18	7.14	6.56	6.19	5.93	3.43	4.15	3.71	3.60	3.24
Rowan-Cabarrus	1.45	1.67	1.67	1.81	1.53	5.32	5.41	6.01	6.13	4.79	2.69	2.83	2.86	3.05	2.35
Sampson	1.98	1.79	2.06	1.37	1.40	6.52	4.26	5.67	5.59	6.87	2.59	2.27	2.67	2.11	2.36
Sandhills	2.49	2.55	3.43	1.97	1.43	5.04	5.58	5.71	5.52	5.26	3.16	3.34	4.17	3.05	2.37
South Piedmont	2.29	1.75	2.03	1.45	1.40	4.10	2.44	2.85	2.94	2.72	2.88	2.07	2.45	2.21	2.09
Southeastern	2.28	2.00	2.38	2.34	2.03	3.91	4.86	5.17	6.03	5.37	2.86	2.81	3.18	3.42	2.98
Southwestern	2.58	2.66	2.92	2.36	2.00	4.54	5.25	4.90	5.46	4.33	3.30	3.59	3.67	3.59	2.99
Stanly	1.73	1.65	1.55	1.87	1.63	3.72	3.13	3.23	4.61	4.85	2.55	2.30	2.21	2.99	2.97
Surry	1.48	1.57	1.75	1.68	1.46	2.71	2.89	2.91	2.87	2.57	2.01	2.14	2.29	2.21	1.96
Tri-County	3.40	3.28	2.81	2.26	2.91	4.30	3.44	4.63	5.04	6.45	3.76	3.35	3.41	3.10	4.00
Vance-Granville	1.43	1.63	1.61	1.91	1.83	3.00	2.97	3.26	3.95	3.25	2.14	2.25	2.33	2.71	2.45
Wake	1.08	1.06	1.19	1.36	1.31	2.22	2.45	2.39	2.89	2.80	1.49	1.51	1.60	1.84	1.77
Wayne	1.84	1.74	1.63	2.05	1.66	4.19	4.34	3.87	5.18	4.42	2.81	2.75	2.52	3.24	2.67
Western Piedmont	2.47	2.80	2.85	3.35	1.77	6.07	8.00	7.32	8.19	3.82	3.59	4.16	4.05	4.70	2.49
Wilkes	2.07	2.01	2.06	2.08	1.77	6.73	6.14	4.93	5.66	5.30	3.29	3.14	3.03	3.23	2.83
Wilson	2.26	2.23	2.56	2.44	1.89	6.34	5.77	5.72	6.23	5.22	3.75	3.62	3.91	3.98	3.33
Subtotal	**1.96**	**1.91**	**1.92**	**1.87**	**1.64**	**4.82**	**4.81**	**4.84**	**4.97**	**4.56**	**2.90**	**2.85**	**2.88**	**2.90**	**2.60**
						Private Institutions									
Major Research Universities															
Subtotal	**1.80**	**1.66**	**1.64**	**1.71**	**1.67**	**9.00**	**8.44**	**9.48**	**9.51**	**9.26**	**2.26**	**2.09**	**2.08**	**2.19**	**2.16**
General Baccalaureate Colleges															
Subtotal	**1.98**	**1.91**	**1.88**	**1.79**	**1.89**	**7.06**	**6.80**	**7.40**	**6.72**	**7.18**	**2.74**	**2.65**	**2.66**	**2.50**	**2.65**
Junior Colleges															
Subtotal	**2.99**	**3.03**	**3.02**	**2.53**	**3.79**	**8.28**	**8.39**	**10.45**	**10.92**	**10.38**	**3.82**	**3.87**	**3.99**	**3.42**	**4.83**
Grand Total	**1.51**	**1.48**	**1.47**	**1.44**	**1.40**	**4.73**	**4.67**	**4.69**	**4.67**	**4.66**	**2.24**	**2.19**	**2.19**	**2.16**	**2.13**

Table 10. Range of Selected Space Utilization Indices for Classrooms and Class Laboratories

Institution	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
			Classrooms						
			Public Institutions						
Research Universities I	32.2	29.7	27.3	60.5	60.3	60.0	0.92	0.82	0.74
Doctoral Universities I and II	32.8	29.4	27.3	64.2	59.7	53.9	0.97	0.92	0.88
Master's (Comprehensive) Universities and Colleges I	36.5	25.5	18.5	63.1	58.7	50.4	1.63	1.04	0.62
Baccalaureate (Liberal Arts) Universities and Colleges I and II	35.7	24.1	19.7	51.4	45.6	40.9	1.78	1.49	1.09
Schools of Art, Music, and Design*	14.3	14.3	14.3	57.5	57.5	57.5	2.46	2.46	2.46
Community Colleges	33.7	20.4	11.1	63.6	52.0	32.1	4.98	1.96	0.99
			Private Institutions						
Major Research Universities	16.6	16.1	15.5	53.5	53.4	53.4	1.85	1.80	1.76
General Baccalaureate Colleges	31.6	17.3	11.9	61.2	46.6	29.4	3.41	1.98	1.23
Junior Colleges*	13.2	13.2	13.2	48.5	48.5	48.5	2.99	2.99	2.99
State Range	36.5	21.3	11.1	64.2	53.9	29.4	4.98	1.51	0.62
Typical Standard		35.0			65.0			0.79	
			Class Laboratories						
			Public Institutions						
Research Universities I	15.8	15.7	15.4	67.3	65.2	60.4	3.72	3.25	3.07
Doctoral Universities I and II	17.7	17.3	17.0	64.4	61.5	56.4	3.56	3.28	3.14
Master's (Comprehensive) Universities and Colleges I	20.7	13.0	7.9	70.7	62.1	51.4	6.11	3.94	2.32
Baccalaureate (Liberal Arts) Universities and Colleges I and II	11.0	10.4	9.6	58.1	55.4	52.3	5.01	4.88	4.75
Schools of Art, Music, and Design*	15.0	15.0	15.0	63.4	63.4	63.4	4.91	4.91	4.91
Community Colleges	30.0	18.0	11.2	70.1	53.9	28.6	8.59	4.82	2.22
			Private Institutions						
Major Research Universities	5.0	4.5	3.9	67.0	59.3	56.5	13.20	9.00	7.15
General Baccalaureate Colleges	18.7	8.3	3.8	70.7	51.7	16.4	36.30	7.06	2.75
Junior Colleges*	9.8	9.8	9.8	44.4	44.4	44.4	8.28	8.28	8.28
State Range	30.0	15.1	3.8	70.7	55.9	16.4	36.30	4.73	2.22
Typical Standard		20.0			75.0			2.20 – 7.20	

Only one institution in this category

TABLE 11:

SPACE STANDARDS

(University of North Carolina only)

Space standards previously published in this study were selected from the Higher Education Facilities Planning and Management Manuals published by the Western Interstate Commission for Higher Education. While these published criteria were considered a useful baseline for subsequent space standards development both at the national level* and by individual states and institutions, the evolution of room configurations and needs at today's institutions of higher education had clarified the need for updated space planning standards in selected categories of space. To this end, the University of North Carolina, in conjunction with higher education consultants (Eva Klein and Associates, Ltd.), in 1997-98 developed space planning standards to be used as an additional variable in the evaluation of capital project needs at the UNC campuses.

It should be noted that the criteria presented here are *planning* guidelines for current and future needs based on specific assumptions of program, enrollment, employment, and/or research growth during a given planning period. They are therefore neither *programming* nor *design* standards for use as either architectural or cost estimation guides. In addition, these standards do not attempt to address quality issues of space in terms of either facility condition or suitability for current and future needs. Differences in institutional missions, program diversity, or specific strategic plans were also not included as components of the development. As a result, these standards are not intended as exclusive or absolute indicators for determination of project needs. Given these limitations, the adopted criteria are used within various standard formulas to develop totals for predicted space for each campus. These figures are in turn used, in comparison with inventoried space statistics, to calculate hypothetical surplus/deficit assignable square footages in the selected categories.

Space planning standards were developed for the first four series of HEGIS Room Use Codes as defined in both the national and N.C. facilities classification manuals. These standards were officially adopted by the UNC Board of Governors in October, 1998:

> **100 Series - Classroom Facilities** - The standards apply only to the 110-Classroom Room Use Code. Room Use Code 115 (Classroom Service) is omitted in the calculations in accordance with typical comparative reporting practices in higher education.

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*The most recent set of national space criteria was developed in 1985: Space Planning Guidelines, Council of Educational Facility Planners, International.

Space Standards

Table 11

200 Series - Laboratory Facilities - Two types of laboratory space were studied:

> 210 - Class Laboratory - This includes only those laboratories that are used for regularly scheduled instruction. Excluded are areas classified as 215-Class Laboratory Service, 220-Open Laboratory (irregularly scheduled), and 225-Open Laboratory Service.
>
> 250 - Research/Nonclass Laboratory - Based again on typical industry reporting standards, this analysis also includes space classified as 255-Research/Nonclass Laboratory Service as an aggregate for calculations. Only 250/255 space further classified under the Program Codes for Research (codes 21 and 22) are used in the calculations.

300 - Office Facilities - Recommendations for office space standards aggregate inventoried square footages for the four Room Use Codes in the 300-series: 310-Office, 315-Office Service, 350-Conference Room, and 355-Conference Room Service. This is again in accordance with recently inventoried space standards for higher education systems and institutions throughout the country.

400 - Study Facilities - For study facilities, separate figures for predicted space are calculated for 410-Study Room, 420-Stack, 430-Open-Stack Study Room (using an assumption of an equal assignment of space to stack and study area within the formula), 440-Processing Room, and 455-Study Service. For surplus/deficit estimations, these figures are aggregated to study, stack, and service space and then subset under Program Code 41-Library Services for application to campus central libraries (i.e., excludes departmental libraries and study areas within residential and other buildings).

CLASSROOM (110) STANDARDS

Average Student Station Size *(See Table 16)*	**18 ASF**
Average Weekly Room Hours *(Also Room Utilization Rate - see Table 3)*	**35 hours/week**
Station Occupancy Ratio *(Also Percent Student Station Utilization - see Table 7)*	**65%**
Space Factor *(see Table 9)*	**0.79**

Space Standards

Table 11

CLASS (TEACHING) LABORATORY (210) STANDARDS

Space Factors are based on a Percent Student Station Utilization (Station Occupancy Ratio) of 75% and a Weekly Room Hour (Room Utilization Rate) standard of 20 hours.

Teaching Lab Category	Discipline	ASF Per Station	Space Factor
Highly Intensive	Engineering (including Textiles), Applied Design, Dance, Dramatic Arts.	108	7.2
Intensive	Agriculture, Architecture, Biological Sciences, Health Professions, Library Sciences, Physical Sciences.	70	4.67
Moderately Intensive	Communications, Computer/ Info Tech, Education, Art, Home Economics, Law, Psychology.	50	3.33
Non-Intensive	Business, Cinematograpy, Music, Language, Letters, Mathematics, Public Affairs, Social Sciences.	33	2.2

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS

Currently, a research space planning standard ASF allowance of 9,000 square feet per $1 million of organized research expenditures, averaged over five years, is recommended for application to only the two major research universities–UNC-Chapel Hill and N.C. State University. For all other UNC institutions, program considerations, and not planning standards, remain as the basis for justification for research space capital requests. A recommendation is in place to ultimately develop four categories of disciplines with corresponding ASF allowances per $1 million of averaged expenditures:

Space Standards

Table 11

RESEARCH/NONCLASS LABORATORY (250/255) STANDARDS (continued)

Research Lab Category	Discipline	ASF per $1 M Averaged Organized Research Expenditures
Highly Intensive	Production Agriculture/ Animal, Crop, Poultry, Soil Sciences.	11,000
Intensive	Agricultural Sciences (other than Production Agriculture), Architecture and Related Programs, Conservation and Renewable Resources/Textiles, Forestry, Marine Sciences, Engineering, Health Professions, Physical Sciences.	9,000
Moderately Intensive	Biological Sciences, Home Economics, Psychology.	6,000
Non-Intensive	Applied Math/Statistics, Business, Communications, Education, Fine Arts, Languages, Law, Letters, Library Sciences, Public Affairs, Social Sciences.	4,000

OFFICE FACILITY (310/315, 350/355) STANDARDS

Office standards are based on an aggregation of all office facilities space (Office-310, Office Service-315, Conference Room-350, Conference Room Service-355). Four standards of ASF allowance, based on personnel categories, were developed.

Administrative	275 ASF
Instructional and Professional	190 ASF
Technical and Clerical	140 ASF
Graduate Assistants	95 ASF

Space Standards

Table 11

STUDY FACILITY (410, 420, 430, 440, 455) STANDARDS

Central Libraries only (Program Code 41)

Study Space *(Includes 410-Study Room and* 50% of *430-Open-Stack Study Room space)*	25 ASF per station for 20% of FTE students plus 8% of FTE faculty.
Stack Space (*Includes 420-Stack and 50% of 430-Open-Stack Study Room Space)*	0.08 ASF per volume
Service Space *(Includes 440-Processing Room and 455-Study Service space)*	15% of the combined predicted requirement for study and stack space.

TABLE 12:

ENROLLMENTS

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of conversion formulas which are described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describe some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for the University of North Carolina, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of nine through 11 credit hours is the equivalent of 3/4 FTE; the student with a six through eight credit hour load is the equivalent of ½ FTE; and a student with less than six credit hours is the equivalent of 1/4 FTE. In obtaining graduate FTE enrollment figures for the University of North Carolina, a student carrying nine or more credit hours is considered a full-time student. In those instances where a graduate student takes less than nine credit hours, the following method of equating is used: a student with a load of six through eight credit hours is the equivalent of 3/4 FTE; the student with a three through five credit hour load is the equivalent of ½ FTE; and a student with less than three credit hours is the equivalent of 1/4 FTE.

The N.C. Community College System Office reports FTE based on its official "class membership" hour formula for calculation. Sixteen class membership hours per week for 16 weeks equate to one fall semester FTE. The total fall credit FTE is based on the total class membership hours per week times sixteen weeks divided by 256 (16 membership hours times 16 weeks).

For the community colleges, Table 12, for 1996-1999, lists only fall on-campus (inventoried space) credit enrollments. Noncredit enrollments are not included. Instruction which took place in facilities not on a community college's facilities inventory was not considered in determining the FTE enrollments listed. For 2000, the fall on-campus credit FTE is provided, but as a means of comparison, the total fall credit FTE (representing both on-campus and off-campus credit instruction) is listed for all colleges. Since private colleges and universities and the constituent institutions of the University of North Carolina do not conduct a significant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments*

In 1992, a projection study was completed by the National Center for Education Statistics (NCES) which presents an estimate map of higher education headcount enrollments at the national level for the years 1991 through 2003, using enrollment data and demographic studies from the years 1978 to 1991.* Highlights of these projections are presented here.

All Higher Education Institutions

Between 1978 and 1983, higher education enrollment increased from 11.3 million to 12.5 million, a growth of 11 percent. In 1984 and 1985, enrollment dropped to 12.2 million. It then increased from 12.5 million in 1986 to an estimated 14.2 million in 1991, an increase of 13 percent over the period. This enrollment is expected to increase to 16.1 million by the year 2003, an increase of 14 percent from 1991.

Enrollments by Sex of Student

Women are expected to be the majority of college students over the projection period. Enrollment of women increased from 5.6 million in 1978 to 7.8 million in 1991 (38 percent). This number is projected to increase to 8.7 million by the year 2003, or an additional 13 percent. Enrollment of men fluctuated between 5.6 million and 6.2 million between 1978 and 1990, and was estimated at 6.4 million in 1991. This number is expected to increase to 7.4 million by 2003, a growth of 15 percent over the period. The projection for 2003 is therefore a 54 to 46 percent majority of women.

Enrollments in Public and Private Institutions

From 1978 to 1991, public institution enrollment increased 26 percent, from 8.8 million to 11.0 million. This figure is expected to increase by another 14 percent to 12.6 million by the year 2003. Enrollment in private institutions grew from 2.5 million in 1978 to 3.1 million in 1991, an increase of 26 percent. Private enrollment is projected to reach a high of 3.6 million by 2003, which is an additional 14 percent growth.

North Carolina institutions experienced a headcount enrollment decrease of 0.7 percent in 2000. Public institutions showed a 1.4 percent decrease while private enrollments increased by 1.6 percent. Enrollments for men increased by 0.9 percent and women also by 0.9 percent. North Carolina's 2000 part-time enrollment increased by 0.3 percent while the state's full-time enrollment increased by 1.1 percent.

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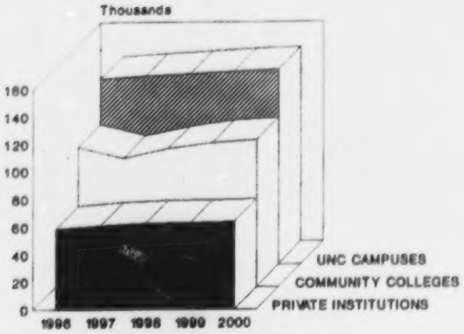
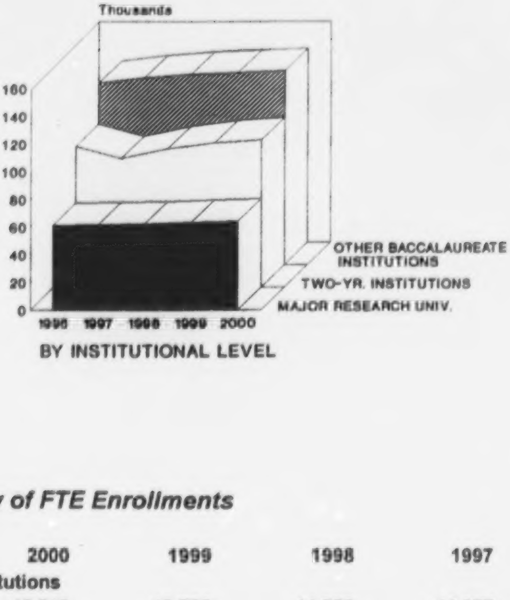
*Gerald, Debra E. and Hussar, William J.; *Projections of Education Statistics to 2003*; U.S. Department of Education, National Center for Education Statistics, 1992.

FTE ENROLLMENTS



BY INSTITUTIONAL CONTROL



BY INSTITUTIONAL LEVEL

Table 12. Summary of FTE Enrollments

	2000	1999	1998	1997	1996
	Public Institutions				
Research Universities I	46,313	45,702	44,993	44,677	44,066
Doctoral Universities I and II	27,944	28,366	27,515	10,631	10,631
Master's (Comprehensive) Universities and Colleges I	59,436	58,554	58,188	73,815	72,472
Baccalaureate (Liberal Arts) Universities and Colleges I and II	7,118	7,022	7,029	7,053	6,894
Schools of Art, Music, and Design	753	781	755	755	723
Community Colleges	106,228	104,442	100,072	93,202	101,565
	Private Institutions				
Major Research Universities	17,973	17,571	17,327	17,291	17,138
General Baccalaureate Colleges	45,307	44,817	44,611	43,260	41,018
Junior Colleges	501	458	442	448	471
Grand Total	**311,573**	**307,713**	**300,932**	**291,132**	**294,978**

Table 12. FTE Enrollments by Institution

Institution		2000	1999	1998	1997	1996
		Public Institutions				
Research Universities I						
NC State		23,589	23,095	23,010	22,928	22,348
NCSU Veterinary School		294	289	301	298	293
UNC-Chapel Hill		18,816	18,782	18,290	18,078	18,016
UNC-CH Health Affairs		3,614	3,536	3,392	3,373	3,409
Subtotal		**46,313**	**45,702**	**44,993**	**44,677**	**44,066**
Doctoral Universities I and II						
East Carolina		15,419	15,673	15,170	15,116	14,443
ECU-Health Affairs		1,275	1,313	1,317	1,307	1,566
UNC-Greensboro		11,250	11,380	11,028	10,631	10,631
Subtotal		**27,944**	**28,366**	**27,515**	-	-
Master's (Comprehensive) Universities and Colleges I						
Appalachian		12,059	11,639	11,865	11,610	11,371
Fayetteville		3,560	3,770	3,455	3,414	3,435
NC A&T		7,088	6,856	6,777	6,870	6,928
NC Central		4,638	4,758	4,882	4,932	4,694
UNC-Charlotte		14,312	14,125	14,018	13,585	13,176
UNC-Pembroke		2,805	2,569	2,574	2,592	2,585
UNC-Wilmington		9,092	9,008	8,859	8,382	8,265
Western Carolina		5,882	5,829	5,758	6,007	6,009
Subtotal		**59,436**	**58,554**	**58,188**	**73,815**	**72,472**
Baccalaureate (Liberal Arts) Universities and Colleges I and II						
Elizabeth City		1,875	1,842	1,820	1,829	1,826
UNC-Asheville		2,790	2,739	2,720	2,668	2,609
Winston-Salem		2,453	2,441	2,489	2,556	2,459
Subtotal		**7,118**	**7,022**	**7,029**	**7,053**	**6,894**
Schools of Art, Music, and Design						
NC School of the Arts*	753	(1013)	781	755	755	723
Community Colleges**						
Alamance	1,984	(2,154)	2,032	2,044	1,910	2,156
Asheville-Buncombe	3,468	(3,512)	3,238	2,898	2,622	2,689
Beaufort Co.	1,004	(1,126)	1,072	1,146	1,010	1,029
Bladen	726	(806)	722	588	592	612
Blue Ridge	1,292	(1330)	1,208	1,270	1,008	1,135
Brunswick	740	(742)	702	566	538	634
Caldwell	1,516	(2,514)	1,656	1,746	1,842	1,840
Cape Fear	4,078	(4,198)	3,804	3,086	2,914	2,763
Carteret	1,054	(1,212)	1,030	972	968	990
Catawba Valley	2,396	(2,692)	2,322	2,314	2,162	2,166
Central Carolina	1,886	(3,340)	1,694	1,622	1,592	2,208
Central Piedmont	6,168	(8,850)	6,426	6,966	6,810	7,943
Cleveland	1,282	(1,480)	1,288	1,228	1,118	1,202
Coastal Carolina	2,430	(2,800)	2,506	2,534	2,354	2,560
College of the Albemarle	1,164	(1,614)	1,124	1,114	1,194	1,665
Craven	1,436	(1,712)	1,464	1,468	1,478	1,494
Davidson Co.	1,802	(1,894)	1,764	1,856	1,812	1,811
Durham	2,712	(2,870)	2,744	2,890	2,616	2,634
Edgecombe	1,128	(1,346)	1,128	1,134	1,204	1,385
Fayetteville	4,652	(5,748)	4,832	4,514	4,296	4,997

Figure in parentheses includes secondary (H.S.) enrollments.

*****Figures in parentheses represent total FTE enrollments (both on and off campus). See pages 54-55.***

*******Montreat's increase in FTE as of Fall 1997 reflects instructional activity in inventoried space which is leased in Asheville and Charlotte***

Table 12. FTE Enrollments by Institution

Institution	2000		1999	1998	1997	1996
Forsyth	3,538	(4,002)	3,468	3,084	2,960	3,288
Gaston College	2,602	(2,928)	2,534	2,584	2,298	2,884
Guilford	5,568	(5,842)	5,160	4,994	4,670	5,076
Halifax	970	(1,088)	1,070	1,158	976	1,054
Haywood	1,268	(1,280)	1,256	1,406	1,240	1,234
Isothermal	1,408	(1,466)	1,544	1,352	1,142	1,208
James Sprunt	1,058	(1,060)	954	812	720	738
Johnston	1,778	(2,442)	1,730	1,664	1,444	1,595
Lenoir	1,552	(1,682)	1,574	1,556	1,408	1,699
Martin	552	(568)	598	540	554	644
Mayland	550	(694)	532	538	464	582
McDowell	782	(840)	764	736	748	849
Mitchell	1,222	(1,356)	1,136	1,160	1,040	1,237
Montgomery	474	(524)	476	484	522	572
Nash	1,462	(1,544)	1,236	1,256	1,120	1,180
Pamlico	136	(218)	148	150	118	143
Piedmont	1,082	(1,474)	990	808	730	796
Pitt	3,402	(4,026)	3,214	3,044	2,726	2,811
Randolph	1,344	(1,436)	1,340	1,128	1,022	1,247
Richmond	1,016	(1,076)	1,074	1,020	836	887
Roanoke-Chowan	728	(766)	672	692	626	703
Robeson	1,420	(1,546)	1,334	1,246	1,254	1,344
Rockingham	1,528	(1,526)	1,458	1,380	1,386	1,489
Rowan-Cabarrus	2,674	(2,898)	2,634	2,440	2,216	2,450
Sampson	910	(942)	1,022	930	772	819
Sandhills	2,618	(2,638)	2,520	2,264	2,036	2,268
South Piedmont	890	(1,214)	890	864	478	525
Southeastern	1,574	(1,744)	1,498	1,418	1,298	1,376
Southwestern	1,098	(1,374)	1,168	1,198	1,092	1,231
Stanly	1,026	(1,206)	1,012	988	950	1,073
Surry	2,390	(2,442)	2,344	2,174	2,076	2,141
Tri-County	624	(760)	786	570	614	569
Vance-Granville	2,286	(2,760)	2,288	1,552	1,396	1,438
Wake	5,846	(6,556)	5,338	5,022	4,452	4,250
Wayne	2,046	(2,314)	2,020	2,040	1,966	1,981
Western Piedmont	1,462	(1,612)	1,510	1,512	1,522	1,650
Wilkes	1,482	(1,688)	1,492	1,408	1,456	1,614
Wilson	924	(1,186)	902	944	834	1,007
Subtotal	**106,228**	**(122,658)**	**104,442**	**100,072**	**93,202**	**101,565**

Figure in parentheses includes secondary (H.S.) enrollments.

****Figures in parentheses represent total FTE enrollments (both on and off campus). See pages 54-55.***

*****Montreat's increase in FTE as of Fall 1997 reflects instructional activity in inventoried space which is leased in Asheville and Charlotte***

Table 12. FTE Enrollments by Institution

Institution	2000	1999	1998	1997	1996
			Private Institutions		
Major Research Universities					
Duke	11,118	10,829	10,575	10,698	10,666
Duke Medical Center	818	796	791	682	714
Wake Forest	5,596	5,505	5,514	5,459	5,309
Bowman Gray	441	441	447	452	449
Subtotal	**17,973**	**17,571**	**17,327**	**17,291**	**17,138**
General Baccalaureate Colleges					
Barber-Scotia	537	477	480	486	437
Barton	1,087	1,095	1,100	1,132	1,116
Belmont Abbey	853	855	846	816	792
Bennett	611	634	595	609	547
Brevard	689	659	647	678	624
Campbell	3,337	3,127	3,128	3,158	3,055
Catawba	1,315	1,192	1,222	1,269	1,133
Chowan	760	703	678	745	736
Davidson	1,679	1,652	1,639	1,623	1,613
Elon	4,008	3,831	3,721	3,534	3,424
Gardner-Webb	2,742	2,599	2,505	2,474	2,284
Greensboro	884	900	904	956	890
Guilford	1,172	1,172	1,306	1,299	1,300
High Point	2,623	2,630	2,826	2,534	2,394
Johnson C. Smith	1,541	1,517	1,414	1,308	1,385
Lees-McRae	700	629	575	426	439
Lenoir-Rhyne	1,306	1,360	1,442	1,471	1,437
Livingstone	992	1,076	929	888	706
Mars Hill	1,143	1,148	1,169	1,137	1,188
Meredith	2,211	2,246	2,218	2,163	2,137
Methodist	1,881	1,744	1,693	1,544	1,579
Montreat***	1,147	1,170	1,040	897	361
Mt. Olive	912	1,009	942	949	801
N.C. Wesleyan	843	849	855	769	714
Peace	588	565	552	490	447
Pfeiffer	1,224	1,280	1,371	1,428	1,213
Piedmont Bible	260	240	257	252	223
Queens	1,216	1,219	1,267	1,237	1,168
Salem	835	836	855	825	745
Shaw	2,371	2,499	2,418	2,228	2,191
St. Andrews	503	517	536	467	545
St. Augustine's	1,321	1,433	1,540	1,589	1,530
Warren Wilson	787	822	784	726	682
Wingate	1,229	1,132	1,157	1,153	1,182
Subtotal	**45,307**	**44,817**	**44,611**	**43,260**	**41,018**
Junior Colleges					
Louisburg	501	458	442	448	471
Subtotal	**501**	**458**	**442**	**448**	**471**
Private Total	**63,781**	**62,846**	**62,380**	**60,999**	**58,267**

Figure in parentheses includes secondary (H.S.) enrollments.

*****Figures in parentheses represent total FTE enrollments (both on and off campus). See pages 54-55.***

******Montreat's increase in FTE as of Fall 1997 reflects instructional activity in inventoried space which is leased in Asheville and Charlotte***

Sykes Learning Center, Queens College

Several hundred alumni and friends of Queens College gathered on campus October 19, 2000 for the dedication of the 58,466-square-foot Sykes Learning Center. The dedication ceremony also served as a public kick-off for a $100 million capital campaign. The $7.5 million state-of-the-art, three-story building is the administrative home of the McColl School of Business and a [illegible] learning facility for all Queens College programs.

The brick Georgian-style structure contains 11 classrooms, computer rooms, a student lounge, three lecture halls, 10 breakout rooms, administrative offices and a 244-seat auditorium. The Sykes Learning Center is named for trustee and benefactor John Sykes.

Interior Space Characteristics

Net-to-Gross Ratio 65
Summary Programs 66
Instruction, Research and Public Service Subprograms 74
Academic Support Subprograms 80
Student Service and Physical Plant Operations
Subprograms 84
Institutional Administration, Independent Operations &
Unassigned Subprograms 88
Assignable Area by Room Code 92
ASF Per Student Station for Classrooms 100
ASF Per Student Station for Class Laboratories 104

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TABLE 13:

NET-TO-GROSS RATIO

The net-to-gross ratio is the assignable (or net) area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building: the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant or specific use. More specifically, it is the building's gross area less its building service, circulation, mechanical, and structural areas.

Beginning in 1985, parking deck space was coded as nonassignable. This change in policy, while providing a truer picture of interior space characteristics, has the effect of decreasing the net-to-gross ratios of institutions with parking decks because gross area figures include these structures. The following institutions have parking decks (their gross areas are indicated in parentheses): Cape Fear Community College (6,177 sq. ft.), Central Piedmont Community College (555,136 sq. ft.), N.C. State University (954,004 sq. ft.), UNC at Chapel Hill-Health Affairs (1,033,155 sq. ft.), UNC at Chapel Hill-Academic Affairs (186,450 sq. ft.), UNC at Charlotte (782,950), UNC at Greensboro (516,974) and one private general baccalaureate college (66,878). There are nine parking decks at the private major research university medical centers, representing a total gross area of 3,498,099 sq. ft. In addition, the lower level of the octagon section of Duncan Hall at Appalachian State University (5,000 sq. ft.) is a parking deck and is, therefore, considered nonassignable. UNC-Asheville's dining hall also houses 38,654 gross square feet of parking deck space. Adjusted net-to-gross figures for these institutions, which eliminate parking decks entirely and thus provide a more accurate index of campus space efficiency, are as follows: Cape Fear Community College (68.4%), Central Piedmont Community College (66.0%), N.C. State University (67.6%), UNC at Chapel Hill-Health Affairs (57.2%), UNC at Chapel Hill Academic Affairs (63.9%), UNC at Charlotte (65.0%), UNC at Greensboro (61.7%), private major research universities (61.5%), private general baccalaureate college (67.1%), Appalachian State University (65.2%), UNC at Asheville (66.3%).

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average $119 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .62. This means that new construction costs are approximately $192 per assignable square foot.

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$119}{.62} = \$192$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution $192 in new construction costs.

Table 13. *Net-to-Gross Ratio*

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net:Gross %				
			2000	1999	1998	1997	1996
		Public Institutions					
Research Universities I							
NC State*	10,612,804	6,535,317	61.6	61.7	61.8	60.6	62.6
NCSU Veterinary School	413,076	277,280	67.1	67.1	66.4	65.3	64.6
UNC-Chapel Hill*	8,335,361	5,208,753	62.5	62.8	63.2	63.6	64.2
UNC-CH Health Affairs*	4,027,524	1,714,107	42.6	42.5	42.3	42.1	42.2
Subtotal	**23,388,765**	**13,735,457**	**58.7**	**58.9**	**59.0**	**58.6**	**59.6**
Doctoral Universities I and II							
East Carolina	3,599,007	2,519,584	70.0	70.0	70.3	70.1	70.1
ECU-Health Affairs	950,056	628,101	66.1	66.1	65.9	66.1	66.0
UNC-Greensboro*	3,838,194	2,051,590	53.5	53.8	54.2	54.4	58.0
Subtotal	**8,387,257**	**5,199,275**	**62.0**	**62.2**	**62.6**	-	-
Master's (Comprehensive) Universities and Colleges I							
Appalachian*	3,327,997	2,169,315	65.2	64.6	64.6	67.5	67.5
Fayetteville	1,053,131	693,793	65.9	65.9	65.7	65.7	65.7
NC A&T	2,350,355	1,632,080	69.4	69.3	69.7	69.6	69.8
NC Central	2,029,570	1,278,691	63.0	64.5	65.9	65.7	65.4
UNC-Charlotte*	4,000,457	2,094,043	52.3	51.3	51.2	51.8	55.5
UNC-Pembroke	844,865	563,578	66.7	67.8	67.8	67.8	68.0
UNC-Wilmington	1,870,493	1,232,905	65.9	66.0	67.7	67.6	67.6
Western Carolina	2,355,330	1,591,683	67.6	67.6	67.5	67.6	67.9
Subtotal	**17,832,198**	**11,256,088**	**63.1**	**63.1**	**63.4**	**65.1**	**66.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	902,345	617,689	68.5	69.5	69.8	69.8	69.9
UNC-Asheville*	960,584	611,247	63.6	63.8	64.2	64.2	62.8
Winston-Salem	1,080,734	687,732	63.6	63.6	63.7	63.7	65.4
Subtotal	**2,943,663**	**1,916,668**	**65.1**	**65.4**	**65.7**	**65.7**	**66.0**
Schools of Art, Music, and Design							
NC School of the Arts	709,871	485,594	68.4	68.4	67.9	67.9	68.1
Teaching Hospitals							
UNC Hosp. at Chapel Hill	1,567,884	862,733	55.0	55.8	56.5	56.7	57.0
Community Colleges							
Alamance	262,614	177,779	67.7	67.7	67.7	67.7	68.1
Asheville-Buncombe	546,877	363,934	66.5	67.0	67.5	67.3	67.3
Beaufort Co.	182,504	131,083	71.8	73.6	73.3	73.4	73.7
Bladen	131,725	100,838	76.6	76.6	76.6	77.0	76.7
Blue Ridge	305,595	226,531	74.1	74.6	74.6	76.5	78.6
Brunswick	239,106	163,569	68.4	68.4	67.9	69.0	69.0
Caldwell	365,674	263,125	72.0	73.1	73.0	74.5	74.6
Cape Fear*	460,467	311,057	67.6	67.5	69.4	67.3	67.0
Carteret	172,558	125,259	72.6	72.7	73.6	73.9	76.3
Catawba Valley	401,934	282,985	70.4	70.3	70.8	73.9	73.9
Central Carolina	359,867	260,544	72.4	72.4	71.3	71.2	71.9
Central Piedmont*	1,734,125	778,433	44.9	44.4	43.6	41.2	40.9
Cleveland	233,201	161,880	69.4	70.8	70.8	70.8	70.8
Coastal Carolina	277,026	196,289	70.9	70.7	70.8	70.4	70.5
College of the Albemarle	242,980	156,444	64.4	65.2	65.9	66.0	65.2
Craven	203,743	140,324	68.9	69.6	69.9	69.9	69.9
Davidson Co.	339,729	230,489	67.8	67.7	67.8	67.7	67.6
Durham	344,339	237,342	68.9	68.9	68.8	69.9	70.3

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*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 63.

Table 13. *Net-to-Gross Ratio*

Institution	Gross Sq. Ft.	Assignable Sq. Ft.	Net:Gross %				
			2000	1999	1998	1997	1996
Edgecombe	164,764	115,196	69.9	69.8	68.3	68.4	68.5
Fayetteville	670,339	467,950	69.8	70.0	70.0	70.7	71.4
Forsyth	549,764	378,710	68.9	68.6	68.7	69.7	70.1
Gaston College	486,262	314,764	64.7	65.5	69.2	69.4	69.3
Guilford	857,939	592,809	69.1	69.1	70.3	70.3	70.1
Halifax	187,610	134,086	71.5	70.9	70.7	71.3	71.2
Haywood	293,578	220,304	75.0	75.4	75.4	77.2	76.0
Isothermal	283,465	199,892	70.5	76.8	76.8	76.8	76.8
James Sprunt	148,321	106,115	71.5	71.5	72.0	74.6	74.6
Johnston	261,534	192,698	73.7	74.2	74.2	75.0	75.0
Lenoir	341,048	250,959	73.6	73.7	73.7	73.9	76.8
Martin	229,431	171,199	74.6	75.1	75.1	76.7	77.3
Mayland	130,373	96,867	74.3	74.4	72.3	71.4	73.1
McDowell	116,814	85,160	72.9	72.9	72.9	72.9	75.4
Mitchell	258,176	186,151	72.1	72.1	71.7	71.9	71.8
Montgomery	121,752	82,792	68.0	68.0	67.8	71.3	71.4
Nash	211,951	139,643	65.9	69.2	69.2	69.2	69.2
Pamlico	49,130	34,037	69.3	69.3	70.6	70.6	70.6
Piedmont	135,205	109,105	80.7	80.8	81.7	82.8	84.9
Pitt	303,716	207,672	68.4	68.0	69.0	69.1	70.8
Randolph	264,116	192,714	73.0	73.8	73.9	74.1	75.2
Richmond	156,639	112,109	71.6	71.6	71.6	71.6	71.6
Roanoke-Chowan	135,921	99,803	73.4	73.4	73.4	73.4	73.5
Robeson	206,323	152,266	73.8	73.8	74.4	74.4	74.4
Rockingham	311,927	222,072	71.2	70.9	70.9	70.9	70.8
Rowan-Cabarrus	311,571	239,114	76.7	76.3	77.5	77.5	73.6
Sampson	158,028	113,482	71.8	71.1	71.3	74.5	74.5
Sandhills	336,736	231,054	68.6	69.0	68.9	72.4	72.6
South Piedmont	175,903	124,585	70.8	67.8	69.7	72.5	72.5
Southeastern	198,706	144,423	72.7	72.7	73.2	73.1	73.2
Southwestern	226,962	164,152	72.3	72.8	73.2	73.8	74.0
Stanly	140,745	100,027	71.1	71.0	69.8	71.8	75.4
Surry	254,926	180,248	70.7	70.7	70.7	70.1	70.1
Tri-County	132,665	101,225	76.3	76.3	78.4	79.8	79.8
Vance-Granville	267,165	177,582	66.5	67.8	66.3	66.0	66.0
Wake	548,589	363,127	66.2	66.6	65.7	65.7	68.7
Wayne	336,428	214,270	63.7	63.7	63.7	63.7	63.7
Western Piedmont	238,541	164,003	68.8	68.8	68.8	67.5	67.0
Wilkes	324,378	243,131	75.0	75.0	75.5	75.0	75.0
Wilson	182,457	130,900	71.7	71.1	71.1	71.2	71.8
Subtotal	**17,513,962**	**11,864,301**	**67.7**	**68.0**	**68.2**	**68.4**	**68.5**
		Private Institutions					
Major Research Universities							
Subtotal*	**19,430,268**	**9,811,522**	**50.5**	**50.5**	**50.4**	**50.0**	**50.0**
General Baccalaureate Colleges							
Subtotal*	**18,983,667**	**13,224,746**	**69.7**	**70.0**	**70.1**	**70.7**	**70.8**
Junior Colleges							
Subtotal	**431,176**	**292,723**	**67.9**	**67.9**	**67.9**	**67.9**	**67.6**
Grand Total	**111,188,711**	**68,649,107**	**61.7**	**61.8**	**61.9**	**62.0**	**62.6**

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*The net-to-gross ratios shown here are higher for these institutions due to the existence of parking decks on the campuses. See page 63.

TABLE 14:

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sums of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

10 **Instruction Program**. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a post-secondary degree or certificate.

20 **Research Program.** Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.

30 **Public Service**. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.

40 **Academic Support Program**. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.

50 **Student Service Program**. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.

60 **Institutional Administration Program**. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administration Program is to provide for the institution's organizational effectiveness and continuity.

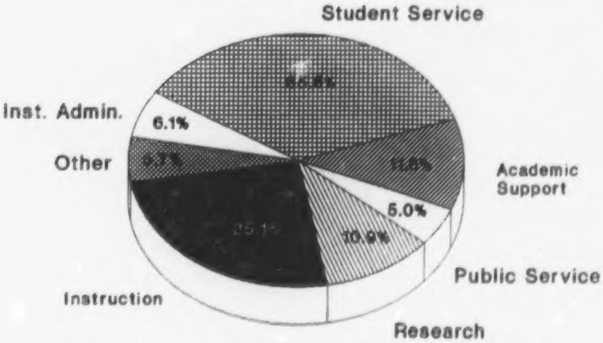
70 **Physical Plant Operations Program**. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

80 **Student Financial Support Program**. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.

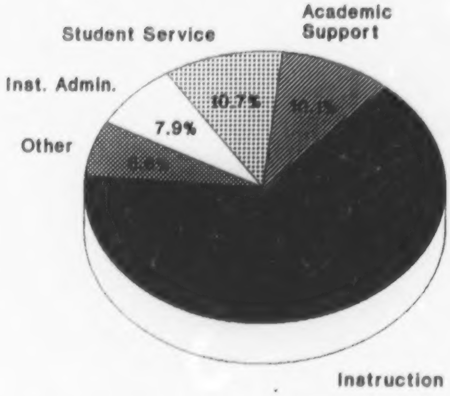
90 **Independent Operations Program**. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.

00 **Unassigned**. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

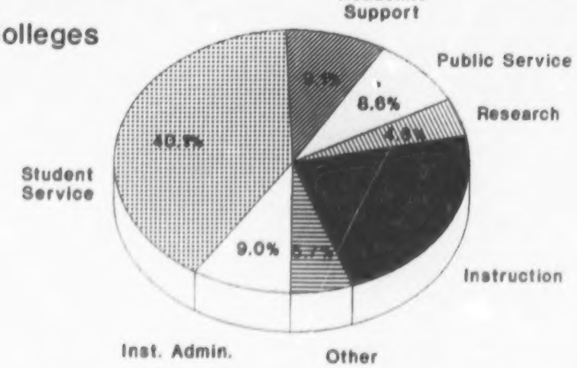
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Table 14. *Percentage Distribution of Assignable Area by Summary Programs*

Institution	Assignable Sq. Ft.	Instruction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Unassigned 00
Public Institutions										
Research Universities I										
NC State	6,535,317	18.9	32.6	4.6	7.2	27.0	5.0	1.3	2.4	1.1
NCSU Veterinary School	277,280	35.3	29.4	21.4	8.4	2.5	0.5	2.3	-	0.3
UNC-Chapel Hill	5,208,753	20.3	4.8	1.9	18.8	39.5	6.8	2.7	3.2	2.0
UNC-CH Health Affairs	1,714,107	23.4	30.1	12.5	22.2	0.8	0.6	0.4	7.4	2.5
Subtotal	**13,735,457**	**20.3**	**21.7**	**4.9**	**13.5**	**28.0**	**5.0**	**1.7**	**3.3**	**1.6**
Doctoral Universities I and II										
East Carolina	2,519,584	28.7	2.0	0.7	9.2	47.7	6.0	2.1	1.8	1.8
ECU-Health Affairs	628,101	16.8	30.4	27.0	14.1	0.2	7.8	3.5	-	0.2
UNC-Greensboro	2,051,590	25.7	4.5	0.2	13.3	43.3	6.9	2.0	-	4.1
Subtotal	**5,199,275**	**26.1**	**6.4**	**3.7**	**11.4**	**40.2**	**6.6**	**2.3**	**0.9**	**2.6**
Master's (Comprehensive) Universities and Colleges I										
Appalachian	2,169,315	31.6	0.9	1.1	7.6	50.0	5.3	2.0	0.3	1.3
Fayetteville	693,793	35.5	0.9	0.3	13.1	40.8	7.4	2.0	-	-
NC A&T	1,632,080	32.3	9.1	1.8	15.0	32.3	5.6	1.1	0.7	1.9
NC Central	1,278,691	28.4	1.9	0.6	11.1	39.6	6.4	0.9	0.3	10.7
UNC-Charlotte	2,094,043	27.5	4.7	-	9.8	52.8	3.7	0.8	-	0.7
UNC-Pembroke	563,578	34.3	-	0.4	10.2	40.7	9.8	1.7	-	2.8
UNC-Wilmington	1,232,905	32.0	0.5	0.2	8.4	46.5	10.0	1.5	0.7	0.2
Western Carolina	1,591,683	25.4	0.9	0.4	11.2	45.1	9.3	1.2	3.4	3.1
Subtotal	**11,256,088**	**30.1**	**2.8**	**0.7**	**10.6**	**44.7**	**6.6**	**1.3**	**0.7**	**2.5**
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	617,689	33.9	0.4	3.2	7.4	42.9	8.8	1.2	-	2.2
UNC-Asheville	611,247	36.0	0.4	1.1	14.4	39.5	4.6	1.7	1.8	0.5
Winston-Salem	687,732	27.2	0.3	0.5	12.8	41.6	8.8	1.4	0.7	6.8
Subtotal	**1,916,668**	**32.2**	**0.4**	**1.5**	**11.6**	**41.4**	**7.4**	**1.4**	**0.8**	**3.3**
Schools of Art, Music, and Design										
NC School of the Arts	485,594	51.3	-	5.2	5.6	28.1	4.5	0.5	0.5	4.3
Teaching Hospitals										
UNC Hosp. at Chapel Hill	862,733	1.4	0.8	79.0	-	-	12.7	2.5	-	3.7
Community Colleges										
Alamance	177,779	73.6	-	1.2	9.0	6.0	7.8	2.4	-	<0.1
Asheville-Buncombe	363,934	72.1	-	0.1	11.1	6.4	6.6	0.7	1.7	1.4
Beaufort Co.	131,083	61.0	-	1.0	9.3	10.0	11.1	6.8	-	0.9
Bladen	100,838	51.9	-	0.2	8.8	14.9	12.5	5.4	1.0	5.2
Blue Ridge	226,531	67.8	-	-	7.4	8.4	5.5	2.8	4.9	3.2
Brunswick	163,569	55.2	-	1.6	5.8	8.0	5.4	3.7	20.0	0.3
Caldwell	263,125	62.5	-	0.2	6.8	19.4	6.5	4.4	0.2	<0.1
Cape Fear	311,057	71.1	-	<0.1	8.5	9.8	6.7	3.6	-	0.2
Carteret	125,259	60.2	-	-	9.4	7.0	20.9	0.3	1.9	0.4
Catawba Valley	282,985	77.6	-	-	9.5	6.7	5.4	-	0.8	-
Central Carolina	260,544	72.9	-	0.6	6.4	8.8	3.6	0.1	7.1	0.5
Central Piedmont	778,433	64.4	-	<0.1	9.5	10.6	8.5	1.8	-	5.0
Cleveland	161,880	68.3	-	2.4	12.5	7.2	7.1	1.5	0.1	0.9
Coastal Carolina	196,289	70.9	-	0.1	11.2	8.9	6.6	2.2	-	<0.1
College of the Albemarle	156,444	56.7	-	13.6	9.7	9.0	8.9	2.1	-	0.1
Craven	140,324	72.7	-	2.2	11.6	7.7	5.8	-	-	-
Davidson Co.	230,489	62.3	-	3.6	13.3	6.8	10.4	1.3	2.2	-
Durham	237,342	65.1	-	-	10.1	5.5	9.9	7.6	1.7	0.1
Edgecombe	115,196	63.3	-	-	11.4	12.7	10.1	2.5	-	-

Table 14. Percentage Distribution of Assignable Area by Summary Programs

Institution	Assignable Sq. Ft.	In-struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 80	Un-assigned 90
Fayetteville	467,950	66.7	-	3.2	7.8	10.8	7.3	3.7	-	0.5
Forsyth	378,710	70.4	-	0.4	8.7	9.0	7.0	1.8	-	2.7
Gaston College	314,764	71.8	-	0.2	11.7	9.2	6.3	0.7	-	-
Guilford	592,809	67.8	-	2.3	8.1	8.7	8.0	1.8	1.8	1.4
Halifax	134,086	63.5	-	0.6	11.7	9.5	10.7	3.4	-	0.6
Haywood	220,304	67.9	-	0.4	6.5	14.9	5.5	3.5	1.2	-
Isothermal	199,892	63.3	-	11.3	6.7	7.2	6.0	3.7	-	1.8
James Sprunt	106,115	61.7	-	3.1	12.5	11.5	7.5	3.6	0.2	-
Johnston	192,698	58.0	-	1.4	9.8	14.6	7.7	7.3	1.1	-
Lenoir	250,959	62.5	-	1.3	10.9	11.8	8.8	0.8	3.6	0.4
Martin	171,199	43.9	-	1.4	7.8	35.2	3.5	2.4	-	5.8
Mayland	96,867	47.8	-	2.0	16.6	10.9	9.3	1.2	0.5	11.7
McDowell	85,160	69.2	-	-	8.0	9.4	10.2	2.9	0.3	-
Mitchell	186,151	57.9	-	-	9.5	17.9	10.4	2.3	0.1	1.8
Montgomery	82,792	63.1	-	0.5	16.1	7.7	10.1	1.8	0.1	0.6
Nash	139,643	58.7	-	0.3	9.1	7.7	9.5	2.1	10.7	1.9
Pamlico	34,037	60.5	-	1.5	16.8	7.9	9.2	3.4	0.8	-
Piedmont	109,105	60.1	-	11.4	9.5	6.4	8.0	2.8	1.1	0.7
Pitt	207,672	62.5	-	2.2	15.0	10.8	9.1	0.5	-	-
Randolph	192,714	72.5	-	0.1	7.9	9.3	8.0	0.4	0.4	1.3
Richmond	112,109	56.1	-	0.6	13.6	10.1	12.7	2.0	-	4.9
Roanoke-Chowan	99,803	51.9	-	2.9	9.2	9.4	5.8	4.2	12.9	3.6
Robeson	152,266	61.7	-	0.1	9.5	17.6	10.0	1.2	-	-
Rockingham	222,072	68.6	-	1.6	11.1	9.7	7.8	0.8	0.2	-
Rowan-Cabarrus	239,114	68.6	-	0.3	11.1	9.1	3.7	2.2	-	4.9
Sampson	113,482	61.0	-	0.2	12.4	10.4	9.3	2.7	1.8	2.2
Sandhills	231,054	64.9	-	-	10.1	15.1	7.1	2.9	-	-
South Piedmont	124,585	54.2	-	1.7	7.4	5.5	8.6	1.9	12.6	8.0
Southeastern	144,423	68.7	-	1.0	11.0	11.3	7.2	0.9	-	-
Southwestern	164,152	62.0	-	0.2	9.7	14.2	8.4	1.8	1.5	2.1
Stanly	100,027	65.9	-	<0.1	10.6	13.2	10.1	-	-	0.1
Surry	180,248	71.6	-	-	10.6	9.7	6.0	1.7	0.3	-
Tri-County	101,225	62.6	-	-	9.9	11.1	16.2	-	0.2	-
Vance-Granville	177,582	64.8	-	8.0	11.7	6.4	8.5	0.5	<0.1	<0.1
Wake	363,127	54.6	-	-	14.3	13.6	12.1	2.4	-	3.0
Wayne	214,270	67.6	-	0.5	12.7	9.0	4.7	5.5	-	-
Western Piedmont	164,003	65.2	-	<0.1	13.6	10.3	7.8	3.1	-	-
Wilkes	243,131	50.9	-	<0.1	11.9	21.8	6.8	5.5	2.8	0.3
Wilson	130,900	67.7	-	1.6	12.0	9.3	7.5	1.8	-	-
Subtotal	**11,864,301**	**64.7**	-	**1.4**	**10.1**	**10.7**	**7.9**	**2.4**	**1.4**	**1.4**
					Private Institutions					
Major Research Universities										
Subtotal	**9,811,522**	**17.6**	**10.8**	**20.3**	**10.7**	**25.4**	**8.1**	**2.6**	**1.9**	**2.7**
General Baccalaureate Colleges										
Subtotal	**13,224,746**	**26.8**	**0.1**	**0.2**	**8.0**	**50.7**	**9.8**	**1.8**	**0.5**	**2.1**
Junior Colleges										
Subtotal	**292,723**	**17.3**	-	**0.3**	**7.0**	**57.8**	**6.2**	**1.5**	-	**10.0**
Grand Total	**68,649,107**	**31.2**	**6.9**	**5.6**	**10.5**	**32.8**	**7.4**	**1.9**	**1.5**	**2.2**

TABLE 14a:

INSTRUCTION, RESEARCH AND PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentages of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

11 **General Academic Instruction**. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

12 **Vocational/Technical Instruction**. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.

13 **Requisite Preparatory/Remedial Instruction**. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.

14 **General Studies**. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).

15 **Occupational-Related Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.

16 **Social Roles/Interaction Instruction**. This subprogram includes those instructional offerings that are not carried out as part of a certificate or degree program but that are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

17 **Home and Family Life Instruction**. This subprogram includes those instructional offerings that are not offered as part of a certificate or degree program, but which are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.

18 **Personal Interest and Leisure Instruction**. This subprogram includes those instructional activities that are not offered as part of a certificate or degree program, but which are carried out to support an individual's recreational or vocational pursuits or to improve his or her day-to-day living skills.

21 **Institutes and Research Centers**. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)

22 **Individual or Project Research**. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific time allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.

31 **Direct Patient Care**. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.

32 **Health Care Supportive Services**. This subprogram includes those activities that are unique to a teaching hospital, health-science center, or clinic and that directly support the provision of health care, but which cannot themselves legitimately be considered part of the provision of direct patient care.

33 **Community Services**. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.

34 **Cooperative Extension Services.** This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control is usually shared with one or more external agencies or governmental units.

35 **Public Broadcasting Services**. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

Table 14a. Instruction, Research, and Public Service Subprograms

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
				Public Institutions				
Research Universities I								
NC State	18.8	-	-	0.1	<0.1	-	-	-
NCSU Veterinary School	35.3	-	-	-	-	-	-	-
UNC-Chapel Hill	19.3	-	0.1	0.2	0.6	-	-	-
UNC-CH Health Affairs	23.1	-	-	0.1	0.3	-	-	-
Subtotal	**19.8**	-	**<0.1**	**0.2**	**0.3**	-	-	-
Doctoral Universities I and II								
East Carolina	28.7	-	<0.1	-	-	-	-	-
ECU-Health Affairs	16.8	-	-	-	-	-	-	-
UNC-Greensboro	25.3	-	0.3	-	0.1	-	-	-
Subtotal	**25.9**	-	**0.1**	-	**0.1**	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	29.0	-	-	2.5	-	-	-	-
Fayetteville	35.0	-	-	0.6	-	-	-	-
NC A&T	32.3	-	-	-	-	-	-	-
NC Central	28.4	-	0.1	-	-	-	-	-
UNC-Charlotte	27.5	-	-	-	-	-	-	-
UNC-Pembroke	34.0	-	0.3	-	-	-	-	-
UNC-Wilmington	31.4	-	0.2	0.1	0.3	-	-	-
Western Carolina	24.6	-	<0.1	0.2	0.1	0.1	-	0.3
Subtotal	**29.4**	-	**<0.1**	**0.6**	**<0.1**	**<0.1**	-	**<0.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	33.4	-	0.5	-	-	-	-	-
UNC-Asheville	36.0	-	-	-	-	-	-	-
Winston-Salem	26.9	-	0.3	-	-	-	-	-
Subtotal	**31.9**	-	**0.3**	-	-	-	-	-
Schools of Art, Music, and Design								
NC School of the Arts	51.3	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hosp. at Chapel Hill	0.5	-	-	0.9	-	-	-	-
Community Colleges								
Alamance	11.5	50.3	0.4	1.7	9.7	-	-	-
Asheville-Buncombe	2.3	60.1	-	1.4	7.0	-	-	1.3
Beaufort Co.	-	53.1	-	1.5	6.3	-	-	-
Bladen	4.6	46.8	-	-	0.5	-	-	-
Blue Ridge	11.9	48.3	1.4	2.7	3.0	-	-	0.5
Brunswick	0.4	43.5	0.1	7.1	3.4	-	-	0.6
Caldwell	11.1	38.8	1.1	10.6	0.9	-	-	-
Cape Fear	7.2	55.1	-	1.8	7.0	-	-	-
Carteret	4.3	52.0	0.1	1.5	0.1	-	-	2.2
Catawba Valley	14.4	48.0	2.4	0.8	10.8	-	-	1.3
Central Carolina	6.4	52.6	2.2	7.1	4.0	-	-	0.7
Central Piedmont	17.8	39.9	2.3	3.1	1.2	<0.1	-	-
Cleveland	13.5	49.2	0.9	2.4	0.8	-	1.5	-
Coastal Carolina	17.7	39.4	1.0	1.9	10.9	-	-	-
College of the Albemarle	13.9	34.8	0.5	7.5	-	-	-	-
Craven	12.7	48.0	3.2	5.9	0.7	0.5	0.7	1.1
Davidson Co.	14.6	38.1	2.8	1.3	4.6	-	1.0	-
Durham	0.4	59.9	-	4.2	0.6	-	-	-
Edgecombe	2.7	54.8	-	4.3	1.6	-	-	-

Table 14a. Instruction, Research, and Public Service Subprograms

Institution	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
			Public Institutions				
Research Universities I							
NC State	6.7	25.9	-	-	2.0	2.6	0.1
NCSU Veterinary School	-	29.4	9.7	11.8	-	-	-
UNC-Chapel Hill	0.2	4.6	-	<0.1	1.7	<0.1	0.2
UNC-CH Health Affairs	3.3	26.8	4.0	7.5	0.3	0.7	-
Subtotal	**3.7**	**18.0**	**0.7**	**1.2**	**1.6**	**1.3**	**0.1**
Doctoral Universities I and II							
East Carolina	0.2	1.7	-	<0.1	0.6	-	0.1
ECU-Health Affairs	-	30.4	10.2	15.7	1.1	-	-
UNC-Greensboro	0.5	3.9	-	-	0.2	-	-
Subtotal	**0.3**	**6.1**	**1.2**	**1.9**	**0.5**	-	**<0.1**
Master's (Comprehensive) Universities and Colleges I							
Appalachian	-	0.9	-	-	1.1	-	-
Fayetteville	-	0.9	-	-	0.3	-	<0.1
NC A&T	3.2	5.9	-	-	0.4	1.4	0.1
NC Central	1.3	0.6	-	-	0.4	-	0.2
UNC-Charlotte	0.5	4.2	-	-	-	-	-
UNC-Pembroke	-	-	-	-	0.4	-	<0.1
UNC-Wilmington	0.5	-	-	-	0.2	-	-
Western Carolina	-	0.9	-	-	0.4	-	<0.1
Subtotal	**0.8**	**2.1**	-	-	**0.4**	**0.2**	**<0.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	0.4	-	-	2.6	-	0.5
UNC-Asheville	0.1	0.3	-	-	1.1	-	-
Winston-Salem	-	0.3	-	-	0.4	-	<0.1
Subtotal	**<0.1**	**0.3**	-	-	**1.4**	-	**0.2**
Schools of Art, Music, and Design							
NC School of the Arts	-	-	-	-	5.2	-	-
Teaching Hospitals							
UNC Hosp. at Chapel Hill	-	0.8	25.8	53.2	-	-	-
Community Colleges							
Alamance	-	-	-	-	1.2	-	-
Asheville-Buncombe	-	-	-	-	0.1	-	-
Beaufort Co.	-	-	-	-	1.0	-	-
Bladen	-	-	-	-	0.2	-	-
Blue Ridge	-	-	-	-	-	-	-
Brunswick	-	-	-	-	1.6	-	-
Caldwell	-	-	-	-	0.2	-	-
Cape Fear	-	-	-	-	<0.1	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	-	0.6	-	-
Central Piedmont	-	-	-	-	<0.1	-	-
Cleveland	-	-	-	-	2.4	-	-
Coastal Carolina	-	-	-	-	0.1	-	-
College of the Albemarle	-	-	-	-	13.6	-	-
Craven	-	-	-	-	0.1	-	2.2
Davidson Co.	-	-	-	-	3.6	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	-	-	-

Table 14a. Instruction, Research, and Public Service Subprograms

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Fayetteville	-	50.1	-	8.1	7.4	-	0.9	0.1
Forsyth	7.3	46.7	1.5	4.1	7.1	-	0.3	3.3
Gaston College	17.7	42.9	1.2	3.9	6.1	-	-	-
Guilford	3.6	54.9	1.2	4.4	2.1	-	-	1.5
Halifax	15.3	44.1	0.8	2.1	1.2	-	-	-
Haywood	-	59.1	0.1	2.0	1.5	-	2.0	3.3
Isothermal	23.2	31.4	1.5	5.8	0.6	-	-	0.9
James Sprunt	7.0	45.8	0.2	8.1	0.5	-	-	-
Johnston	-	56.8	1.3	-	-	-	-	-
Lenoir	18.0	26.3	2.5	12.0	0.6	-	0.4	2.8
Martin	5.3	27.7	2.2	4.1	4.1	-	-	0.5
Mayland	5.9	36.1	0.1	1.9	3.8	-	-	-
McDowell	4.2	57.6	3.0	3.9	0.6	-	-	-
Mitchell	23.2	20.2	-	12.8	1.4	-	-	0.3
Montgomery	0.3	58.2	-	0.4	4.2	-	-	-
Nash	2.6	41.4	-	1.9	10.8	1.1	-	1.0
Pamlico	4.0	36.2	-	9.1	11.1	-	-	-
Piedmont	2.8	46.9	0.6	7.3	2.6	-	-	-
Pitt	10.1	46.3	0.6	1.7	3.9	-	-	-
Randolph	-	54.5	1.5	2.5	14.1	-	-	-
Richmond	-	46.0	0.1	9.3	0.5	0.3	-	-
Roanoke-Chowan	-	39.1	0.1	2.7	7.1	0.6	-	2.3
Robeson	1.4	50.9	-	6.6	2.7	-	-	-
Rockingham	27.8	34.8	-	1.0	5.0	-	-	-
Rowan-Cabarrus	1.8	62.8	0.3	1.3	2.5	-	-	-
Sampson	-	51.9	1.9	3.9	1.8	-	1.4	0.1
Sandhills	23.2	30.1	0.6	1.0	10.0	-	-	-
South Piedmont	4.4	32.7	8.5	4.8	3.7	-	-	-
Southeastern	15.7	38.9	1.0	4.2	8.9	-	-	-
Southwestern	8.9	35.9	1.8	2.2	10.8	-	-	2.4
Stanly	-	55.6	5.3	0.1	5.0	-	-	-
Surry	24.7	37.3	0.9	0.4	8.2	-	-	-
Tri-County	3.6	53.8	-	4.4	-	-	0.8	0.1
Vance-Granville	12.1	43.2	0.4	5.6	3.2	-	-	0.2
Wake	1.7	44.2	-	6.5	2.2	-	-	-
Wayne	6.7	54.1	-	6.1	0.7	-	-	-
Western Piedmont	35.8	22.9	-	4.1	2.4	-	-	-
Wilkes	15.5	28.7	-	4.1	2.6	-	-	-
Wilson	1.7	52.5	3.7	3.7	6.1	-	-	-
Subtotal	**9.4**	**45.3**	**1.1**	**4.1**	**4.2**	**<0.1**	**0.2**	**0.5**
				Private Institutions				
Major Research Universities								
Subtotal	**17.5**	**-**	**<0.1**	**<0.1**	**-**	**-**	**-**	**-**
General Baccalaureate Colleges								
Subtotal	**26.7**	**-**	**0.2**	**<0.1**	**<0.1**	**-**	**-**	**-**
Junior Colleges								
Subtotal	**17.3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Grand Total	**21.4**	**7.8**	**0.3**	**0.8**	**0.8**	**<0.1**	**<0.1**	**0.1**

Table 14a. Instruction, Research, and Public Service Subprograms

Institution	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Fayetteville	-	-	-	-	3.2	-	-
Forsyth	-	-	-	-	0.4	-	-
Gaston College	-	-	-	-	0.2	-	-
Guilford	-	-	-	-	2.3	-	-
Halifax	-	-	-	-	0.6	-	-
Haywood	-	-	-	-	0.4	-	-
Isothermal	-	-	-	-	9.9	-	1.5
James Sprunt	-	-	-	-	3.1	-	-
Johnston	-	-	-	-	1.4	-	-
Lenoir	-	-	-	-	1.3	-	-
Martin	-	-	-	-	1.4	-	-
Mayland	-	-	-	-	2.0	-	-
McDowell	-	-	-	-	-	-	-
Mitchell	-	-	-	-	-	-	-
Montgomery	-	-	-	-	0.5	-	-
Nash	-	-	-	-	0.3	-	-
Pamlico	-	-	-	-	1.5	-	-
Piedmont	-	-	-	-	11.4	-	-
Pitt	-	-	-	-	-	2.2	-
Randolph	-	-	-	-	0.1	-	-
Richmond	-	-	-	-	0.6	-	-
Roanoke-Chowan	-	-	-	-	2.9	-	-
Robeson	-	-	-	-	0.1	-	-
Rockingham	-	-	-	-	1.8	-	-
Rowan-Cabarrus	-	-	-	-	0.3	-	-
Sampson	-	-	-	-	0.2	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	1.7	-	-
Southeastern	-	-	-	-	1.0	-	-
Southwestern	-	-	-	-	0.2	-	-
Stanly	-	-	-	-	<0.1	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	-	-	-
Vance-Granville	-	-	-	-	8.0	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	0.5	-	-
Western Piedmont	-	-	-	-	<0.1	-	-
Wilkes	-	-	-	-	<0.1	-	-
Wilson	-	-	-	-	1.6	-	-
Subtotal	-	-	-	-	1.3	<0.1	0.1
			Private Institutions				
Major Research Universities							
Subtotal	-	10.8	7.8	12.4	<0.1	-	<0.1
General Baccalaureate Colleges							
Subtotal	<0.1	0.1	-	-	0.2	-	-
Junior Colleges							
Subtotal	-	-	-	-	0.3	-	-
Grand Total	0.9	6.0	1.7	2.8	0.8	0.3	<0.1

TABLE 14b:

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentages of institutional square footage under each of the Academic Support Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

41 **Library Services**. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.

42 **Museums and Galleries**. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental exhibit areas are included under the appropriate Instruction Subprogram.

43 **Educational Media Services**. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.

44 **Academic Computer Support**. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.

45 **Ancillary Support**. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.

46 **Academic Administration**. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not include the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

47 **Course and Curriculum Development**. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.

48 **Academic Personnel Development**. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Table 14b. *Academic Support Subprograms*

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Development 47	Academic Personnel Development 48
				Public Institutions				
Research Universities I								
NC State	3.6	-	0.4	0.6	0.1	2.6	<0.1	<0.1
NCSU Veterinary School	4.5	-	0.8	0.1	-	3.0	-	-
UNC-Chapel Hill	11.7	0.5	0.2	0.6	1.3	4.3	-	0.1
UNC-CH Health Affairs	3.6	-	0.3	0.3	4.4	13.5	<0.1	0.1
Subtotal	**6.7**	**0.2**	**0.3**	**0.5**	**1.1**	**4.6**	**<0.1**	**0.1**
Doctoral Universities I and II								
East Carolina	7.3	0.3	0.3	0.1	-	1.2	-	-
ECU-Health Affairs	5.9	0.1	1.5	0.2	<0.1	6.5	-	-
UNC-Greensboro	6.5	1.5	0.8	1.7	1.1	1.8	-	-
Subtotal	**6.8**	**0.7**	**0.6**	**0.7**	**0.4**	**2.1**	**-**	**-**
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3.5	0.7	0.4	0.4	0.4	2.1	0.1	-
Fayetteville	7.7	0.3	0.7	0.1	0.8	3.3	-	-
NC A&T	6.8	0.7	0.1	0.4	4.1	2.8	-	-
NC Central	7.0	0.3	0.4	0.7	0.7	2.1	-	-
UNC-Charlotte	7.9	0.1	0.6	-	-	1.2	0.1	-
UNC-Pembroke	6.8	1.5	0.3	-	-	1.7	-	-
UNC-Wilmington	6.8	0.1	-	0.4	-	1.0	-	<0.1
Western Carolina	7.6	0.8	0.2	<0.1	0.3	2.0	-	0.4
Subtotal	**6.6**	**0.5**	**0.3**	**0.3**	**0.8**	**1.9**	**<0.1**	**0.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	5.2	0.1	-	0.2	0.8	1.1	-	-
UNC-Asheville	11.0	0.4	1.5	0.8	-	0.6	-	-
Winston-Salem	6.8	1.8	0.2	0.7	0.4	2.9	-	-
Subtotal	**7.6**	**0.8**	**0.6**	**0.6**	**0.4**	**1.6**	**-**	**-**
Schools of Art, Music, and Design								
NC School of the Arts	3.8	0.6	<0.1	<0.1	0.1	1.1	-	-
Teaching Hospitals								
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	3.8	-	0.6	0.1	2.3	2.2	-	-
Asheville-Buncombe	5.7	-	0.8	-	4.1	0.4	-	-
Beaufort Co.	6.9	-	1.2	-	-	1.2	-	-
Bladen	5.4	-	-	-	-	3.4	-	-
Blue Ridge	5.0	<0.1	1.2	-	0.1	1.2	-	-
Brunswick	3.9	-	0.4	0.1	-	1.5	-	-
Caldwell	4.8	-	1.0	-	-	1.0	-	-
Cape Fear	5.8	-	0.3	0.1	1.7	0.6	-	-
Carteret	5.1	-	-	-	2.2	2.1	-	-
Catawba Valley	4.2	0.2	0.5	1.0	1.9	1.7	-	-
Central Carolina	5.2	-	0.4	-	0.2	0.6	-	-
Central Piedmont	5.9	0.1	1.2	0.4	0.2	1.7	-	-
Cleveland	9.0	0.3	1.6	-	-	1.7	-	-
Coastal Carolina	8.4	-	0.5	0.2	-	2.2	-	-
College of the Albemarle	6.6	0.5	0.3	-	-	2.4	-	-
Craven	6.9	-	1.1	0.6	-	3.0	-	-
Davidson Co.	7.6	-	0.2	-	2.8	2.6	-	-
Durham	5.6	-	0.8	0.2	-	3.3	-	0.1

Table 14b. Academic Support Subprograms

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	, Course & Curriculum Development 47	Academic Personnel Development 48
Edgecombe	8.1	-	1.4	-	-	1.9	-	-
Fayetteville	3.4	-	1.0	0.1	-	3.3	-	-
Forsyth	4.7	-	0.5	0.4	-	3.1	-	-
Gaston College	7.8	0.7	0.6	0.4	1.0	1.2	-	-
Guilford	5.2	-	0.4	-	1.5	0.9	-	-
Halifax	7.2	-	-	-	2.2	2.3	0.1	-
Haywood	3.0	0.2	0.3	0.2	1.8	1.0	-	-
Isothermal	5.3	-	-	-	-	1.3	-	-
James Sprunt	7.3	0.6	0.2	2.8	-	1.6	-	-
Johnston	4.4	1.5	1.1	-	1.5	1.3	-	-
Lenoir	6.8	1.1	0.6	<0.1	-	2.3	-	-
Martin	6.0	-	-	-	-	1.8	-	-
Mayland	8.7	-	0.7	-	6.0	1.2	-	-
McDowell	6.0	0.6	-	-	-	1.4	-	-
Mitchell	5.9	0.1	0.9	-	-	2.6	-	-
Montgomery	11.5	-	-	-	2.7	1.1	0.8	-
Nash	8.2	-	-	-	-	0.9	-	-
Pamlico	14.5	-	0.4	-	-	1.9	-	-
Piedmont	6.5	-	0.5	0.2	-	2.2	-	-
Pitt	9.6	-	1.5	-	1.1	2.6	0.2	-
Randolph	5.0	-	1.0	0.1	-	1.8	-	-
Richmond	10.2	-	1.6	0.6	-	1.2	-	-
Roanoke-Chowan	6.3	-	-	-	1.1	1.9	-	-
Robeson	6.7	-	1.2	-	-	1.6	-	-
Rockingham	5.5	0.9	0.3	-	3.5	0.9	-	-
Rowan-Cabarrus	7.5	-	0.6	-	1.2	1.8	-	-
Sampson	10.7	-	-	0.2	-	1.5	-	-
Sandhills	8.0	0.5	0.9	-	-	0.6	-	-
South Piedmont	4.8	-	0.4	0.4	-	1.8	-	-
Southeastern	7.3	-	1.6	0.1	1.5	0.6	-	-
Southwestern	5.1	-	0.5	-	1.5	2.6	-	-
Stanly	7.7	-	1.6	0.2	-	1.0	-	-
Surry	9.7	-	0.1	0.5	-	0.4	-	-
Tri-County	5.9	-	-	-	3.0	1.0	-	-
Vance-Granville	6.5	-	-	-	3.5	1.7	-	-
Wake	7.6	-	1.2	0.1	4.7	0.7	-	-
Wayne	9.2	-	1.4	0.1	-	1.9	0.1	-
Western Piedmont	9.2	-	1.1	-	-	3.3	-	-
Wilkes	7.2	0.5	<0.1	-	3.5	0.6	-	-
Wilson	5.6	-	0.5	0.2	4.0	1.7	-	-
Subtotal	**6.3**	**0.1**	**0.7**	**0.2**	**1.1**	**1.7**	**<0.1**	**<0.1**
			Private Institutions					
Major Research Universities								
Subtotal	**6.3**	**0.3**	**0.1**	**0.3**	**<0.1**	**3.7**	**<0.1**	**<0.1**
General Baccalaureate Colleges								
Subtotal	**6.3**	**0.4**	**0.3**	**0.1**	**0.2**	**0.6**	**-**	**0.1**
Junior Colleges								
Subtotal	**5.1**	**1.8**	**-**	**-**	**-**	**0.1**	**-**	**-**
Grand Total	**6.4**	**0.4**	**0.4**	**0.3**	**0.6**	**2.4**	**<0.1**	**<0.1**

TABLE 14c:

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentages of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

51 **Student Service Administration**. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.

52 **Social and Cultural Development**. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.

53 **Counseling and Career Guidance**. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.

54 **Financial Aid Administration**. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.

55 **Student Auxiliary Services**. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

56 **Intercollegiate Athletics**. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.

57 **Student Health/Medical Services**. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and medical services provided for the institution's faculty and staff are also included in this subprogram.

71 **Physical Plant Administration**. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.

72 **Building Maintenance**. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.

73 **Custodial Services**. This subprogram consists of those activities related to custodial services in institutional buildings.

74 **Utilities**. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.

75 **Landscape and Ground Maintenance**. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.

76 **Major Repairs and Renovations**. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are generally defined as each institution wishes. Expenditures which approximate at least 25% of a building's estimated replacement cost should be considered major.

Table 14c. Student Service and Physical Plant Operations Subprograms

Institution	Student Svcs. Admin. 51	Social & Cultural Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin 54	Student Auxilary Service 55	Inter-collegiate Athl. 56	Stud. Health/ Med. Svc 57	Physical Plant Admin. 71	Bldg. Maint. 72	Cust'l. Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Public Institutions												
Research Universities I												
NC State	0.1	3.7	0.2	0.1	19.3	3.3	0.3	0.3	0.5	<0.1	0.2	0.2
NCSU Veterinary School	-	0.1	-	-	2.4	-	-	-	0.1	-	1.6	0.7
UNC-Chapel Hill	0.3	2.9	0.1	0.1	26.2	9.2	0.7	0.5	1.0	0.4	0.7	0.1
UNC-CH Health Affairs	-	0.1	<0.1	-	0.7	-	-	-	<0.1	0.3	0.1	-
Subtotal	**0.2**	**2.9**	**0.1**	**0.1**	**19.3**	**5.0**	**0.4**	**0.3**	**0.6**	**0.2**	**0.4**	**0.2**
Doctoral Universities I and II												
East Carolina	0.2	9.7	0.3	0.2	32.9	4.1	0.4	0.4	1.3	0.1	0.1	0.2
ECU-Health Affairs	0.2	-	-	-	-	-	-	0.1	0.1	0.1	3.2	-
UNC-Greensboro	0.2	6.2	0.4	0.2	33.5	1.9	0.7	0.6	0.9	0.1	0.1	0.4
Subtotal	**0.2**	**7.1**	**0.3**	**0.2**	**29.2**	**2.7**	**0.5**	**0.4**	**1.0**	**0.1**	**0.5**	**0.3**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.1	8.6	0.4	0.3	38.7	1.2	0.7	0.7	1.0	-	0.3	-
Fayetteville	0.1	9.0	0.9	0.7	28.9	0.7	0.6	-	1.5	-	-	0.5
NC A&T	0.2	3.5	0.7	0.4	26.5	0.8	0.4	0.2	0.8	<0.1	0.1	<0.1
NC Central	0.4	3.9	0.3	0.4	31.2	3.1	0.3	0.5	0.4	-	<0.1	0.1
UNC-Charlotte	0.1	9.7	0.4	0.1	41.6	0.6	0.3	0.4	0.3	0.1	-	-
UNC-Pembroke	0.2	8.1	0.6	0.3	30.7	0.3	0.5	0.6	1.0	<0.1	-	0.1
UNC-Wilmington	0.1	9.3	0.5	0.2	30.9	5.2	0.3	0.4	0.5	0.1	0.2	0.3
Western Carolina	0.1	6.6	0.8	0.1	34.5	2.6	0.4	0.4	0.7	<0.1	-	0.1
Subtotal	**0.2**	**7.3**	**0.6**	**0.3**	**34.2**	**1.8**	**0.4**	**0.4**	**0.7**	**<0.1**	**0.1**	**0.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	0.2	8.0	0.6	0.4	31.4	1.6	0.8	0.7	0.5	-	-	-
UNC-Asheville	0.2	3.8	0.3	0.2	33.2	1.6	0.3	0.7	0.4	0.1	0.3	0.2
Winston-Salem	0.2	8.4	0.5	0.3	27.3	4.4	0.4	0.3	0.6	0.1	0.2	0.3
Subtotal	**0.2**	**6.8**	**0.5**	**0.3**	**30.5**	**2.6**	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**
Schools of Art, Music, and Design												
NC School of the Arts	0.2	6.2	0.1	0.2	21.0	-	0.5	<0.1	0.5	-	-	-
Teaching Hospitals												
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-	2.1	0.3	-	-
Community Colleges												
Alamance	0.4	1.3	0.3	0.4	3.6	-	-	0.3	2.1	-	-	-
Asheville-Buncombe	0.1	2.5	0.3	0.4	3.1	-	-	0.2	0.3	-	-	0.2
Beaufort Co.	1.5	2.0	1.0	0.8	4.9	-	-	-	6.8	-	-	-
Bladen	0.4	9.6	1.1	0.2	3.8	-	-	-	3.4	<0.1	-	1.9
Blue Ridge	0.6	1.9	1.3	-	4.6	-	-	-	2.7	0.1	-	-
Brunswick	0.4	0.2	1.7	0.1	5.5	-	0.1	-	3.6	0.1	-	-
Caldwell	<0.1	14.7	1.5	0.2	3.0	-	-	<0.1	4.3	-	-	0.1
Cape Fear	6.1	0.5	1.0	0.1	2.1	-	-	-	3.6	-	-	0.1
Carteret	0.6	2.3	0.4	0.2	3.6	-	-	0.3	-	-	-	-
Catawba Valley	0.1	3.6	0.8	<0.1	2.2	-	-	-	-	-	-	-
Central Carolina	0.5	3.2	0.7	0.1	4.4	-	-	<0.1	-	<0.1	-	-
Central Piedmont	1.2	2.9	1.2	0.3	5.1	-	-	0.5	0.8	0.2	-	0.4
Cleveland	0.3	4.0	-	0.5	2.4	-	-	0.1	1.3	0.1	-	-
Coastal Carolina	-	2.2	1.8	0.2	4.7	-	-	0.3	1.9	-	-	-
College of the Albemarle	1.4	2.9	2.5	0.4	1.7	-	-	-	2.1	-	-	-
Craven	0.8	2.5	1.2	0.4	2.8	-	-	-	-	-	-	-
Davidson Co.	0.2	1.7	1.4	0.2	3.3	-	-	0.1	1.2	-	-	-
Durham	0.1	0.9	0.6	0.1	3.8	-	-	5.3	1.2	0.7	-	0.4
Edgecombe	0.4	10.1	0.7	0.1	1.3	-	-	1.6	0.9	-	-	-

Table 14c. Student Service and Physical Plant Operations Subprograms

Institution	Student Svcs. Admin. 51	Social & Cultural Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin 54	Student Auxilary Service 55	Inter-collegiate Athl. 56	Stud. Health/ Med. Svc 57	Physical Plant Admin. 71	Bldg. Maint. 72	Cust'l. Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Fayetteville	1.3	4.6	0.9	0.1	3.8	-	0.1	0.2	2.2	0.7	-	0.7
Forsyth	0.1	2.4	1.3	0.3	4.8	-	-	0.1	1.3	0.3	-	-
Gaston College	0.4	4.7	0.6	0.1	3.4	-	<0.1	-	0.4	-	-	0.3
Guilford	0.2	3.3	1.2	0.2	3.8	-	<0.1	-	1.2	0.3	-	0.3
Halifax	0.2	3.6	1.2	1.2	3.3	-	-	0.1	3.3	<0.1	-	-
Haywood	0.4	8.6	0.4	0.1	5.5	-	-	0.1	1.0	<0.1	<0.1	2.4
Isothermal	0.4	3.1	1.4	0.2	2.1	-	-	0.4	2.5	0.5	0.4	-
James Sprunt	0.8	3.4	1.6	0.3	5.3	-	-	-	3.6	-	-	-
Johnston	0.8	8.4	0.9	0.3	4.3	-	-	-	5.7	<0.1	-	1.6
Lenoir	-	8.3	0.1	0.5	2.0	0.9	-	-	0.3	-	-	0.5
Martin	0.8	30.7	0.5	0.1	3.0	-	-	0.1	2.0	0.2	-	-
Mayland	-	0.7	0.3	0.7	9.2	-	-	-	1.2	-	-	-
McDowell	0.6	-	1.3	0.1	7.4	-	-	-	-	-	-	2.9
Mitchell	1.1	8.8	0.4	0.3	7.4	-	-	-	2.2	0.2	-	-
Montgomery	0.2	2.2	1.4	0.6	3.4	-	-	0.3	1.6	-	-	-
Nash	0.9	0.1	0.9	0.2	5.5	-	-	-	2.1	-	-	-
Pamlico	1.0	-	1.4	-	5.5	-	-	-	3.4	-	-	-
Piedmont	1.4	0.7	-	0.1	4.2	-	-	-	2.8	-	-	-
Pitt	1.4	5.7	0.9	0.3	2.4	0.1	-	0.2	0.3	-	-	-
Randolph	0.6	2.0	1.1	0.2	5.4	-	-	0.3	0.1	<0.1	-	-
Richmond	0.5	4.7	1.9	0.1	3.0	-	0.1	-	2.0	-	-	-
Roanoke-Chowan	0.3	2.0	1.7	0.7	4.6	-	-	-	-	-	-	4.2
Robeson	0.5	9.2	1.4	0.3	6.3	-	-	-	1.2	-	-	-
Rockingham	0.3	5.7	0.4	0.3	3.1	-	-	<0.1	0.5	0.1	-	0.2
Rowan-Cabarrus	1.0	-	1.0	0.2	6.9	-	-	-	2.1	0.1	-	-
Sampson	0.2	2.9	1.5	0.1	5.7	-	-	0.1	2.5	-	-	-
Sandhills	0.1	5.9	1.2	0.4	7.4	-	-	0.1	2.3	<0.1	0.1	0.4
South Piedmont	0.2	2.4	1.0	0.2	1.8	-	-	-	1.8	0.1	-	-
Southeastern	0.5	3.2	3.0	0.1	4.4	-	-	0.3	0.5	-	-	-
Southwestern	-	8.9	0.8	0.2	4.4	-	-	-	1.8	-	-	-
Stanly	0.7	4.3	1.6	0.4	6.3	-	-	-	-	-	-	-
Surry	0.9	1.5	0.8	0.3	6.1	0.2	-	0.1	1.6	0.1	-	-
Tri-County	-	7.0	1.3	0.3	2.4	-	-	-	-	-	-	-
Vance-Granville	0.3	-	1.9	0.2	4.1	-	-	-	0.5	-	-	-
Wake	0.4	4.7	2.1	0.2	6.2	-	<0.1	<0.1	2.2	-	-	0.2
Wayne	0.3	4.7	0.5	0.3	3.1	-	0.1	-	5.5	-	-	-
Western Piedmont	0.4	3.5	0.8	0.2	5.5	-	-	0.1	2.1	0.1	-	0.8
Wilkes	0.1	18.1	1.5	<0.1	2.0	-	-	2.8	0.3	0.4	-	2.0
Wilson	0.3	4.2	0.8	0.3	3.7	-	0.1	0.1	1.7	-	-	-
Subtotal	**0.7**	**4.6**	**1.1**	**0.2**	**4.1**	**<0.1**	**<0.1**	**0.3**	**1.7**	**0.1**	**<0.1**	**0.3**
Private Institutions												
Major Research Universities												
Subtotal	**0.2**	**2.7**	**0.1**	**0.1**	**19.0**	**3.1**	**0.1**	**0.6**	**1.1**	**0.2**	**0.4**	**0.2**
General Baccalaureate Colleges												
Subtotal	**0.3**	**7.8**	**0.3**	**0.2**	**38.1**	**3.5**	**0.4**	**0.2**	**1.3**	**0.1**	**<0.1**	**0.1**
Junior Colleges												
Subtotal	**0.6**	**15.2**	**-**	**0.1**	**37.0**	**3.5**	**1.3**	**-**	**1.0**	**0.5**	**-**	**-**
Grand Total	**0.3**	**5.3**	**0.4**	**0.2**	**23.6**	**2.7**	**0.3**	**0.4**	**1.1**	**0.1**	**0.2**	**0.2**

TABLE 14d:

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentages of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

61 **Executive Management**. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.

62 **Financial Management and Operations**. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.

63 **General Administration and Logistical Services**. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.

64 **Administrative Computing Support**. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.

65 **Faculty and Staff Auxiliary Services**. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.

66 **Public Relations/Development**. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.

67 **Student Recruitment and Admissions**. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

68 **Student Records**. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.

91 **Independent Operations/Institutional**. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.

92 **Independent Operations/External Agencies**. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.

01 **Capable of Use**. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.

02 **Incapable of Use**. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms which are under or in need of alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Table 14d. Institutional Administration, Independent Operations, and Unassigned Subprograms

									Ind. Opns.		Unassigned	
Institution	Exec. Mgmt. 61	Fin. Mgmt. 62	Gen Ad Log Svc 63	Admin. Comp. 64	Fac/Stf. Aux Svc 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Recds 68	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
						Public Institutions						
Research Universities I												
NC State	0.2	0.4	2.5	0.2	1.2	0.2	0.1	0.1	0.2	2.2	0.1	0.9
NCSU Veterinary School	-	-	0.4	-	-	0.1	-	-	-	-	-	0.3
UNC-Chapel Hill	0.4	0.7	3.2	0.6	0.7	1.0	0.2	0.2	2.1	1.1	1.5	0.5
UNC-CH Health Affairs	-	<0.1	0.3	<0.1	0.2	<0.1	<0.1	<0.1	0.9	6.5	1.8	0.8
Subtotal	**0.2**	**0.4**	**2.5**	**0.3**	**0.9**	**0.5**	**0.1**	**0.1**	**1.0**	**2.2**	**0.8**	**0.7**
Doctoral Universities I and II												
East Carolina	0.3	0.3	3.2	0.8	0.4	0.8	0.2	0.2	-	1.8	0.7	1.2
ECU-Health Affairs	-	-	6.1	-	0.1	1.0	0.3	0.3	-	-	0.2	-
UNC-Greensboro	0.7	0.4	3.8	0.5	0.2	0.9	0.3	-	-	-	<0.1	4.1
Subtotal	**0.4**	**0.3**	**3.8**	**0.6**	**0.3**	**0.9**	**0.3**	**0.1**	**-**	**0.9**	**0.4**	**2.2**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	0.5	0.5	2.4	0.5	0.3	0.5	0.4	0.3	-	0.3	-	1.3
Fayetteville	1.2	0.9	2.5	0.2	2.1	0.1	0.3	0.2	-	-	-	-
NC A&T	0.8	0.7	1.5	0.4	1.2	0.7	0.3	0.1	-	0.7	-	1.9
NC Central	0.8	0.4	2.1	1.0	0.9	0.8	0.2	0.2	0.2	0.1	0.9	9.8
UNC-Charlotte	0.6	0.3	1.1	0.8	0.3	0.3	0.1	0.1	-	-	-	0.7
UNC-Pembroke	1.0	0.9	2.9	0.9	2.3	1.1	0.5	0.4	-	-	2.8	-
UNC-Wilmington	1.1	0.5	3.7	0.4	1.4	2.3	0.4	0.2	0.1	0.6	0.1	0.1
Western Carolina	0.6	0.4	3.3	0.4	3.3	0.7	0.2	0.2	0.1	3.4	1.2	1.9
Subtotal	**0.7**	**0.5**	**2.3**	**0.6**	**1.2**	**0.7**	**0.3**	**0.2**	**<0.1**	**0.7**	**0.4**	**2.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	1.2	0.7	2.7	0.3	3.0	0.4	0.3	0.2	-	-	0.4	1.8
UNC-Asheville	0.8	0.6	1.3	0.1	0.9	0.3	0.2	0.3	-	1.8	<0.1	0.5
Winston-Salem	0.9	1.0	2.5	0.4	2.9	0.7	0.2	0.2	-	0.7	1.9	4.9
Subtotal	**1.0**	**0.8**	**2.2**	**0.3**	**2.3**	**0.5**	**0.2**	**0.2**	**-**	**0.8**	**0.8**	**2.5**
Schools of Art, Music, and Design												
NC School of the Arts	0.6	0.3	0.8	0.1	2.0	0.4	0.2	0.2	0.5	-	<0.1	4.3
Teaching Hospitals												
UNC Hosp. at Chapel Hill	0.9	4.0	5.8	1.9	-	0.2	-	-	-	-	-	3.7
Community Colleges												
Alamance	1.1	1.1	3.8	0.2	0.8	0.3	0.2	0.3	-	-	<0.1	-
Asheville-Buncombe	1.1	0.4	3.9	0.1	0.3	<0.1	0.2	0.5	-	1.7	0.1	1.4
Beaufort Co.	1.9	2.3	3.9	0.3	1.2	0.4	0.6	0.4	-	-	-	0.9
Bladen	1.7	1.6	8.2	-	<0.1	-	-	0.9	-	1.0	3.9	1.3
Blue Ridge	0.8	0.8	2.2	0.4	0.2	0.1	-	0.9	-	4.9	-	3.2
Brunswick	1.7	0.6	1.1	0.3	0.8	0.5	0.2	0.1	11.7	8.3	0.3	0.1
Caldwell	1.9	1.0	2.2	0.5	0.1	0.2	0.5	<0.1	-	0.2	-	<0.1
Cape Fear	2.0	1.1	2.1	0.4	0.4	0.2	0.4	0.2	-	-	-	0.2
Carteret	3.1	0.6	14.9	1.1	0.5	0.4	0.1	0.2	-	1.9	-	0.4
Catawba Valley	0.7	1.1	2.4	0.2	0.3	0.1	-	0.5	-	0.8	-	-
Central Carolina	1.1	0.6	1.0	0.3	0.1	0.1	0.1	0.3	7.1	-	-	0.5
Central Piedmont	0.6	0.6	4.0	0.9	0.6	0.5	0.2	1.0	-	-	1.4	3.6
Cleveland	1.3	0.5	3.3	0.3	0.9	0.4	0.1	0.3	-	0.1	0.9	-
Coastal Carolina	0.7	1.1	3.1	0.6	0.5	0.2	<0.1	0.5	-	-	<0.1	-
College of the Albemarle	1.3	0.8	4.6	0.8	0.6	-	0.3	0.5	-	-	0.1	-
Craven	1.2	0.8	1.5	0.3	0.1	0.6	-	1.3	-	-	-	-
Davidson Co.	1.7	0.6	6.0	0.1	1.5	-	0.2	0.4	-	2.2	-	-
Durham	1.8	0.8	1.7	0.9	1.3	0.3	2.7	0.4	-	1.7	0.1	-
Edgecombe	2.0	0.8	5.4	0.4	0.2	0.3	0.5	0.6	-	-	-	-

Table 14d. *Institutional Administration, Independent Operations, and Unassigned Subprograms*

									Ind. Opns.		Unassigned	
Institution	**Exec. Mgmt. 61**	**Fin. Mgmt. 62**	**Gen Ad Log Svc 63**	**Admin. Comp. 64**	**Fac/Stf. Aux Svc 65**	**P.R. Devel. 66**	**Stud. Admiss 67**	**Stud. Recds 68**	**Inst. 91**	**Ext. Agency 92**	**Usable 01**	**Unusable 02**
Fayetteville	1.6	1.2	2.6	0.6	0.3	0.1	0.5	0.5	-	-	-	0.5
Forsyth	1.6	0.8	2.3	0.3	0.3	0.1	1.0	0.5	-	-	-	2.7
Gaston College	0.9	0.7	3.8	-	0.4	0.1	0.2	0.1	-	-	-	-
Guilford	1.1	0.7	3.6	0.5	0.9	0.1	0.3	0.8	-	1.8	1.4	-
Halifax	1.0	0.7	5.6	1.4	0.6	0.2	0.5	0.7	-	-	0.6	-
Haywood	0.8	0.5	2.2	0.5	0.2	0.1	1.0	0.2	-	1.2	-	-
Isothermal	1.0	0.9	2.2	0.6	0.1	0.6	0.1	0.5	-	-	-	1.8
James Sprunt	3.0	1.6	1.3	0.2	0.3	-	-	1.1	-	0.2	-	-
Johnston	0.6	0.7	4.1	0.5	1.3	0.1	0.1	0.2	-	1.1	-	-
Lenoir	0.7	0.9	4.3	0.5	0.9	0.1	0.9	0.4	-	3.6	-	0.4
Martin	0.7	0.8	1.1	0.2	0.4	0.1	0.1	0.1	-	-	0.4	5.4
Mayland	3.0	0.7	2.7	1.3	0.3	0.3	0.6	0.4	-	0.5	0.7	11.0
McDowell	0.7	1.4	4.2	0.6	2.8	0.3	-	0.2	-	0.3	-	-
Mitchell	1.9	1.3	5.7	-	1.0	-	0.1	0.4	-	0.1	1.8	-
Montgomery	5.9	0.9	1.5	0.4	0.4	0.4	0.4	0.3	-	0.1	0.6	-
Nash	1.2	0.8	4.8	0.6	1.0	0.4	0.4	0.3	10.7	-	-	1.9
Pamlico	2.7	2.6	3.5	0.2	-	-	-	0.2	-	0.8	-	-
Piedmont	2.7	1.4	1.7	0.5	1.3	0.2	0.1	0.1	-	1.1	0.4	0.3
Pitt	1.3	0.8	4.4	0.8	0.3	0.5	0.4	0.6	-	-	-	-
Randolph	0.8	0.9	4.1	0.9	0.6	<0.1	-	0.7	-	0.4	1.3	-
Richmond	4.3	1.1	5.9	0.1	0.2	0.5	0.1	0.6	-	-	-	4.9
Roanoke-Chowan	1.6	0.9	1.7	0.2	0.4	0.3	0.4	0.3	-	12.9	-	3.6
Robeson	1.4	1.0	4.6	0.5	0.8	0.1	0.8	0.7	-	-	-	-
Rockingham	1.1	0.8	3.4	0.4	0.8	0.3	0.6	0.4	-	0.2	-	-
Rowan-Cabarrus	0.4	1.1	1.2	0.5	0.1	0.1	-	0.3	-	-	-	4.9
Sampson	2.8	1.9	3.1	0.3	-	0.3	0.1	0.9	-	1.8	2.2	-
Sandhills	0.8	0.9	1.6	0.4	2.4	0.2	0.4	0.4	-	-	-	-
South Piedmont	1.4	1.9	3.1	0.7	1.3	-	-	0.3	0.5	12.1	-	8.0
Southeastern	1.3	0.9	2.6	1.0	-	0.4	0.2	0.6	-	-	-	-
Southwestern	0.7	0.9	3.9	1.2	-	0.6	0.2	1.0	-	1.5	-	2.1
Stanly	3.1	1.9	2.0	1.1	0.2	0.2	0.2	1.3	-	-	0.1	-
Surry	1.9	1.1	1.4	0.3	0.5	0.3	0.3	0.2	-	0.3	-	-
Tri-County	1.7	0.6	11.9	1.5	-	-	0.1	0.4	-	0.2	-	-
Vance-Granville	1.0	0.8	3.9	0.5	0.5	-	1.5	0.3	-	<0.1	<0.1	-
Wake	1.4	0.4	7.2	0.6	0.7	0.2	0.5	1.1	-	-	1.8	1.2
Wayne	1.3	0.5	1.2	0.4	0.8	0.1	0.3	0.3	-	-	-	-
Western Piedmont	1.0	0.6	3.1	0.3	-	1.9	0.2	0.6	-	-	-	-
Wilkes	1.2	0.7	3.3	0.4	-	0.2	0.8	0.2	2.6	0.2	-	0.3
Wilson	1.7	1.2	2.7	0.3	0.6	0.2	<0.1	0.9	-	-	-	-
Subtotal	**1.4**	**0.9**	**3.5**	**0.5**	**0.6**	**0.2**	**0.4**	**0.5**	**0.5**	**0.9**	**0.4**	**1.1**
					Private Institutions							
Major Research Universities												
Subtotal	**0.6**	**0.6**	**3.8**	**0.6**	**1.7**	**0.6**	**0.1**	**0.1**	**1.7**	**0.2**	**0.1**	**2.6**
General Baccalaureate Colleges												
Subtotal	**0.7**	**0.4**	**2.0**	**0.3**	**4.8**	**1.0**	**0.5**	**0.2**	**0.2**	**0.3**	**1.0**	**1.1**
Junior Colleges												
Subtotal	**0.7**	**1.8**	**0.9**	-	**1.8**	**0.3**	**0.4**	**0.3**	-	-	**4.7**	**5.3**
Grand Total	**0.7**	**0.6**	**2.8**	**0.5**	**1.7**	**0.6**	**0.3**	**0.2**	**0.6**	**0.9**	**0.6**	**1.6**

TABLE 15:

ASSIGNABLE AREA BY ROOM CODE

Just as all assignable space can be categorized by program (Table 14), it can also be classified by use of the room. A system of codes has been developed which includes virtually all types of rooms, in terms of specific use, which can be found at a college or university. The Room Use Code Structure is summarized on pp. 93-94; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fifth edition). This updated manual incorporates the codes and definitions presented in the 1992 national Postsecondary Education Facilities Inventory and Classification Manual.

Table 15 provides percentage distributions among the ten major room use code divisions. In theory, the sums of the percentages should always equal to 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions, which represent the Community College System, because they have almost no residential space. For these schools, the subtotal for "Community Colleges" in Table 15 may serve as a norm.

Room Use Code	Norm (%)	All N.C. Institutions 2000 (%)
Classroom (Series 100)	**8.0**	**8.2**
Laboratory (Series 200)	**14.5**	**14.9**
Office (Series 300)	**13.0**	**18.9**
Study (Series 400)	**6.8**	**7.0**
Special Use (Series 500)	**8.9**	**9.4**
General Use (Series 600)	**12.0**	**12.0**
Support (Series 700)	**6.5**	**4.5**
Health Care (Series 800)	**1.4**	**3.3**
Residential (Series 900)	**26.7**	**19.9**
Unclassified (Series 000)	**2.2**	**2.0**

Room Use Codes

100 Classroom Facilities
110 Classroom
115 Classroom Service

200 Laboratory Facilities
210 Class Laboratory
215 Class Laboratory Service
220 Open Laboratory
225 Open Laboratory Service
250 Research/Nonclass Laboratory
255 Research/Nonclass Laboratory Service

300 Office Facilities
310 Office
315 Office Service
350 Conference Room
355 Conference Room Service

400 Study Facilities
410 Study Room
420 Stack
430 Open-Stack Study Room
440 Processing Room
455 Study Service

500 Special Use Facilities
510 Armory
515 Armory Service
520 Athletic or Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic or Physical Ed. Svc.
530 Media Production
535 Media Production Service
540 Clinic
545 Clinic Service
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other (All Purpose)

600 General Use Facilities
610 Assembly
615 Assembly Service
620 Exhibition
625 Exhibition Service
630 Food Facility
635 Food Facility Service
640 Day Care
645 Day Care Service
650 Lounge
655 Lounge Service
660 Merchandising
665 Merchandising Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service

700 Support Facilities
710 Central Computer or Telecommunications
715 Central Computer or Telecommunications Service
720 Shop
725 Shop Service
730 Central Storage
735 Central Storage Service
740 Vehicle Storage
745 Vehicle Storage Service
750 Central Service
755 Central Service Support
760 Hazardous Materials
765 Hazardous Materials Service

800 Health Care Facilities
810 Patient Bedroom
815 Patient Bedroom Service
820 Patient Bath
830 Nurse Station

835	Nurse Station Service
840	Surgery
845	Surgery Service
850	Treatment/Examination
855	Treatment/Examination Service
860	Diagnostic Service Laboratory
865	Diagnostic Service Laboratory Support
870	Central Supplies
880	Public Waiting
890	Staff On-Call Facility
895	Staff On-Call Facility Service

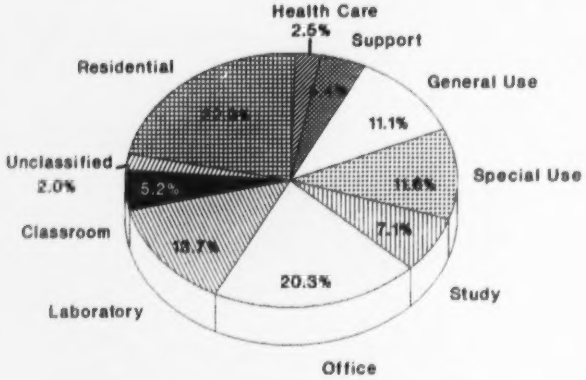
900 Residential Facilities

910	Sleep/Study without Toilet or Bath
910X	Sleep/Study without Toilet or Bath Designed and Equipped for Mobility Impaired
919	Toilet or Bath
919X	Toilet or Bath Designed and Equipped for Mobility Impaired
920	Sleep/Study with Toilet or Bath
920X	Sleep/Study with Toilet or Bath Designed and Equipped for Mobility Impaired
935	Sleep/Study Service
950	Apartment
950X	Apartment Equipped for Mobility Impaired
955	Apartment Service
970	House

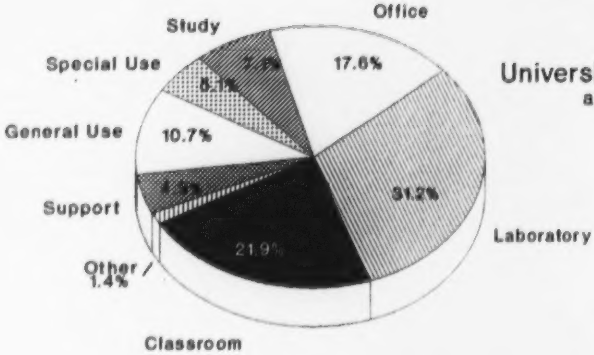
000 Unclassified Facilities

010	Elevator
011	Men's Toilet Equipped for Mobility Impaired
012	Women's Toilet Equipped for Mobility Impaired
013	Unisex Toilet Equipped for Mobility Impaired
050	Inactive Area
060	Alteration or Conversion Area
070	Unfinished Area

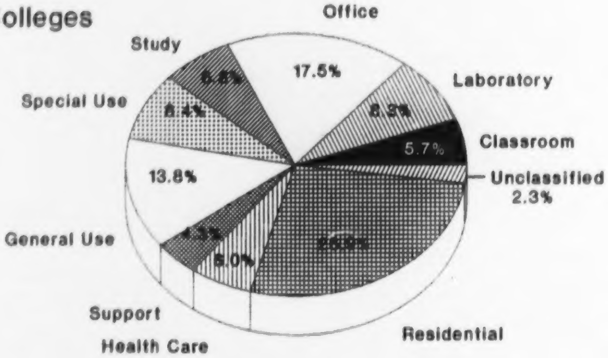
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY ROOM CODES



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Table 15. Assignable Area by Room Codes

Institution	Total Assignable Area	Classroom Facilities 100 ASF	%	Laboratory Facilities 200 ASF	%	Office Facilities 300 ASF	%	Study Facilities 400 ASF	%
				Public Institutions					
Research Universities I									
NC State	6,535,317	212,461	3.3	1,318,847	20.2	1,262,549	19.3	260,271	4.0
NCSU Veterinary School	277,280	7,653	2.8	70,773	25.5	38,607	13.9	13,874	5.0
UNC-Chapel Hill	5,208,753	230,629	4.4	422,488	8.1	1,110,156	21.3	641,095	12.3
UNC-CH Health Affairs	1,714,107	49,157	2.9	532,136	31.0	717,379	41.9	63,071	3.7
Subtotal	**13,735,457**	**499,900**	**3.6**	**2,344,244**	**17.1**	**3,128,691**	**22.8**	**978,311**	**7.1**
Doctoral Universities I and II									
East Carolina	2,519,584	163,826	6.5	281,999	11.2	425,247	16.9	199,051	7.9
ECU-Health Affairs	628,101	32,151	5.1	137,894	22.0	211,375	33.7	35,643	5.7
UNC-Greensboro	2,051,590	121,357	5.9	202,899	9.9	404,292	19.7	172,318	8.4
Subtotal	**5,199,275**	**317,334**	**6.1**	**622,792**	**12.0**	**1,040,914**	**20.0**	**407,012**	**7.8**
Master's (Comprehensive) Universities and Colleges I									
Appalachian	2,169,315	167,910	7.7	201,369	9.3	376,714	17.4	73,607	3.4
Fayetteville	693,793	62,002	8.9	64,801	9.3	120,872	17.4	58,750	8.5
NC A&T	1,632,080	106,905	6.6	287,376	17.6	326,191	20.0	113,420	6.9
NC Central	1,278,691	97,720	7.6	107,243	8.4	234,794	18.4	104,172	8.1
UNC-Charlotte	2,094,043	105,200	5.0	261,251	12.5	345,685	16.5	188,706	9.0
UNC-Pembroke	563,578	49,129	8.7	36,073	6.4	103,247	18.3	45,199	8.0
UNC-Wilmington	1,232,905	73,883	6.0	157,945	12.8	252,608	20.5	77,697	6.3
Western Carolina	1,591,683	90,047	5.7	132,781	8.3	225,936	14.2	131,760	8.3
Subtotal	**11,256,088**	**752,796**	**6.7**	**1,248,839**	**11.1**	**1,986,047**	**17.6**	**793,311**	**7.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	617,689	41,325	6.7	78,865	12.8	86,358	14.0	38,654	6.3
UNC-Asheville	611,247	36,216	5.9	68,935	11.3	98,114	16.1	72,025	11.8
Winston-Salem	687,732	52,261	7.6	45,867	6.7	141,615	20.6	49,284	7.2
Subtotal	**1,916,668**	**129,802**	**6.8**	**193,667**	**10.1**	**326,087**	**17.0**	**159,963**	**8.3**
Schools of Art, Music, and Design									
NC School of the Arts	485,594	20,732	4.3	150,246	30.9	50,936	10.5	19,402	4.0
Teaching Hospitals									
UNC Hosp. at Chapel Hill	862,733	8,807	1.0	9,630	1.1	259,883	30.1	2,897	0.3
Community Colleges									
Alamance	177,779	38,558	21.7	74,083	41.7	29,527	16.6	8,014	4.5
Asheville-Buncombe	363,934	89,532	24.6	129,242	35.5	56,071	15.4	19,790	5.4
Beaufort Co.	131,083	21,210	16.2	45,201	34.5	29,675	22.6	8,958	6.8
Bladen	100,838	15,760	15.6	32,510	32.2	16,323	16.2	5,114	5.1
Blue Ridge	226,531	49,791	22.0	82,470	36.4	34,341	15.2	13,833	6.1
Brunswick	163,569	42,492	26.0	33,736	20.6	28,793	17.6	7,996	4.9
Caldwell	263,125	51,411	19.5	84,298	32.0	38,834	14.8	17,239	6.6
Cape Fear	311,057	81,283	26.1	104,563	33.6	61,630	19.8	17,319	5.6
Carteret	125,259	24,255	19.4	41,530	33.2	19,487	15.6	6,593	5.3
Catawba Valley	282,985	52,695	18.6	112,380	39.7	44,172	15.6	15,702	5.5
Central Carolina	260,544	79,483	30.5	81,468	31.3	38,180	14.7	14,908	5.7
Central Piedmont	778,433	181,349	23.3	224,998	28.9	144,979	18.6	60,005	7.7
Cleveland	161,880	32,193	19.9	51,583	31.9	23,740	14.7	17,109	10.6
Coastal Carolina	196,289	44,992	22.9	74,487	37.9	37,964	19.3	15,190	7.7
College of the Albemarle	156,444	31,199	19.9	35,560	22.7	31,862	20.4	18,280	11.7
Craven	140,324	36,561	26.1	48,324	34.4	28,578	20.4	15,623	11.1
Davidson Co.	230,489	46,084	20.0	72,268	31.4	44,684	19.4	19,330	8.4
Durham	237,342	56,032	23.6	76,300	32.1	50,245	21.2	13,397	5.6

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	**%**	**ASF**	**%**	**ASF**	**%**	**ASF**	**%**	**ASF**	**%**	**ASF**	**%**
					Public Institutions							
Research Universities I												
NC State	1,371,056	21.0	481,014	7.4	388,647	5.9	14,494	0.2	1,156,678	17.7	69,300	1.1
NCSU Veterinary School	61,096	22.0	7,678	2.8	14,358	5.2	62,359	22.5	179	0.1	703	0.3
UNC-Chapel Hill	627,653	12.0	620,886	11.9	311,819	6.0	14,840	0.3	1,177,249	22.6	51,938	1.0
UNC-CH Health Affairs	76,963	4.5	51,119	3.0	35,021	2.0	148,340	8.7	-	-	40,921	2.4
Subtotal	**2,136,768**	**15.6**	**1,160,697**	**8.5**	**749,845**	**5.5**	**240,033**	**1.7**	**2,334,106**	**17.0**	**162,862**	**1.2**
Doctoral Universities I and II												
East Carolina	285,591	11.3	269,334	10.7	123,317	4.9	5,975	0.2	718,829	28.5	46,415	1.8
ECU-Health Affairs	57,186	9.1	6,004	1.0	51,309	8.2	95,342	15.2	-	-	1,197	0.2
UNC-Greensboro	166,095	8.1	273,987	13.4	87,005	4.2	8,985	0.4	530,037	25.8	84,615	4.1
Subtotal	**508,872**	**9.8**	**549,325**	**10.6**	**261,631**	**5.0**	**110,302**	**2.1**	**1,248,866**	**24.0**	**132,227**	**2.5**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	174,215	8.0	350,384	16.2	86,066	4.0	11,785	0.5	699,933	32.3	27,332	1.3
Fayetteville	81,832	11.8	101,728	14.7	27,579	4.0	3,891	0.6	172,338	24.8	-	-
NC A&T	194,824	11.9	178,104	10.9	28,544	1.7	6,148	0.4	358,969	22.0	31,599	1.9
NC Central	123,309	9.6	119,941	9.4	28,848	2.3	2,010	0.2	324,361	25.4	136,293	10.7
UNC-Charlotte	136,824	6.5	330,064	15.8	26,273	1.3	4,831	0.2	680,471	32.5	14,738	0.7
UNC-Pembroke	65,611	11.6	89,572	15.9	15,402	2.7	2,612	0.5	141,746	25.2	14,987	2.7
UNC-Wilmington	106,066	8.6	188,409	15.3	46,564	3.8	1,658	0.1	325,338	26.4	2,737	0.2
Western Carolina	130,727	8.2	255,925	16.1	70,104	4.4	3,595	0.2	504,492	31.7	46,316	2.9
Subtotal	**1,013,408**	**9.0**	**1,614,127**	**14.3**	**329,380**	**2.9**	**36,530**	**0.3**	**3,207,648**	**28.5**	**274,002**	**2.4**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	64,437	10.4	106,056	17.2	15,448	2.5	4,862	0.8	169,465	27.4	12,219	2.0
UNC-Asheville	79,981	13.1	75,495	12.4	16,838	2.8	1,207	0.2	159,606	26.1	2,830	0.5
Winston-Salem	58,087	8.4	109,000	15.8	25,416	3.7	2,500	0.4	157,074	22.8	46,628	6.8
Subtotal	**202,505**	**10.6**	**290,551**	**15.2**	**57,702**	**3.0**	**8,569**	**0.4**	**486,145**	**25.4**	**61,677**	**3.2**
Schools of Art, Music, and Design												
NC School of the Arts	32,575	6.7	81,835	16.9	14,873	3.1	1,814	0.4	92,288	19.0	20,893	4.3
Teaching Hospitals												
UNC Hosp. at Chapel Hill	3,091	0.4	27,882	3.2	70,188	8.1	444,911	51.6	3,785	0.4	31,659	3.7
Community Colleges												
Alamance	6,886	3.9	11,171	6.3	8,836	5.0	-	-	627	0.4	77	-0.1
Asheville-Buncombe	30,221	8.3	21,057	5.8	12,762	3.5	-	-	-	-	5,259	1.4
Beaufort Co.	1,926	1.5	10,270	7.8	12,723	9.7	-	-	-	-	1,120	0.9
Bladen	-	-	14,134	14.0	12,655	12.5	-	-	-	-	4,342	4.3
Blue Ridge	7,163	3.2	20,793	9.2	10,866	4.8	-	-	-	-	7,274	3.2
Brunswick	1,462	0.9	41,147	25.2	7,711	4.7	112	0.1	-	-	120	0.1
Caldwell	16,843	6.4	39,236	14.9	15,194	5.8	-	-	-	-	70	-0.1
Cape Fear	23,091	7.4	8,727	2.8	13,488	4.3	-	-	277	0.1	679	0.2
Carteret	4,878	3.9	8,573	6.8	19,499	15.6	-	-	-	-	444	0.4
Catawba Valley	36,825	13.0	18,207	6.4	3,004	1.1	-	-	-	-	-	-
Central Carolina	11,465	4.4	31,589	12.1	2,137	0.8	-	-	-	-	1,314	0.5
Central Piedmont	32,618	4.2	63,601	8.2	35,929	4.6	-	-	-	-	34,954	4.5
Cleveland	11,377	7.0	15,582	9.6	9,138	5.6	-	-	-	-	1,158	0.7
Coastal Carolina	3,633	1.9	14,230	7.2	5,713	2.9	-	-	-	-	80	-0.1
College of the Albemarle	-	-	28,672	18.3	10,775	6.9	-	-	-	-	96	0.1
Craven	1,718	1.2	8,290	5.9	1,230	0.9	-	-	-	-	-	-
Davidson Co.	14,453	6.3	19,485	8.5	14,185	6.2	-	-	-	-	-	-
Durham	3,184	1.3	18,494	7.8	19,626	8.3	-	-	-	-	64	-0.1

Table 15. Assignable Area by Room Codes

Institution	Total Assignable Area	Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		ASF	%	ASF	%	ASF	%	ASF	%
Edgecombe	115,196	25,247	21.9	35,736	31.0	19,578	17.0	11,000	9.5
Fayetteville	467,950	119,699	25.6	145,660	31.1	88,467	18.9	21,048	4.5
Forsyth	378,710	95,867	25.3	126,367	33.4	79,788	21.1	16,064	4.2
Gaston College	314,764	72,788	23.1	115,896	36.8	48,651	15.5	25,877	8.2
Guilford	592,809	147,906	25.0	197,776	33.4	102,725	17.3	32,870	5.5
Halifax	134,086	36,263	27.0	38,851	29.0	24,849	18.5	9,872	7.4
Haywood	220,304	24,206	11.0	90,534	41.1	28,971	13.2	6,490	2.9
Isothermal	199,892	28,673	14.3	63,191	31.6	29,200	14.6	10,984	5.5
James Sprunt	106,115	24,455	23.0	24,170	22.8	28,548	26.9	9,826	9.3
Johnston	192,698	41,809	21.7	48,710	25.3	26,729	13.9	11,186	5.8
Lenoir	250,959	69,188	27.6	51,822	20.6	40,205	16.0	16,690	6.7
Martin	171,199	18,325	10.7	42,331	24.7	18,309	10.7	12,794	7.5
Mayland	96,867	22,915	23.7	17,102	17.7	16,620	17.2	9,611	9.9
McDowell	85,160	13,466	15.8	34,305	40.3	14,711	17.3	5,483	6.4
Mitchell	186,151	44,202	23.7	37,780	20.3	30,396	16.3	13,351	7.2
Montgomery	82,792	13,951	16.9	32,341	39.1	14,040	17.0	9,186	11.1
Nash	139,643	30,633	21.9	40,861	29.3	19,884	14.2	12,816	9.2
Pamlico	34,037	7,179	21.1	10,806	31.7	7,071	20.8	4,549	13.4
Piedmont	109,105	23,656	21.7	33,628	30.8	18,867	17.3	8,205	7.5
Pitt	207,672	40,814	19.7	63,183	30.4	50,486	24.3	17,471	8.4
Randolph	192,714	44,408	23.0	76,935	39.9	32,159	16.7	10,095	5.2
Richmond	112,109	20,742	18.5	30,096	26.8	24,008	21.4	10,952	9.8
Roanoke-Chowan	99,803	11,749	11.8	45,523	45.6	13,124	13.1	9,492	9.5
Robeson	152,266	36,640	24.1	42,758	28.1	27,051	17.8	11,650	7.7
Rockingham	222,072	40,233	18.1	63,777	28.7	31,700	14.3	15,468	7.0
Rowan-Cabarrus	239,114	48,113	20.1	89,933	37.6	38,150	16.0	17,737	7.4
Sampson	113,482	32,883	29.0	18,443	16.3	24,908	21.9	14,024	12.4
Sandhills	231,054	59,885	25.9	52,433	22.7	42,450	18.4	17,314	7.5
South Piedmont	124,585	27,985	22.5	25,494	20.5	42,897	34.4	7,170	5.8
Southeastern	144,423	37,837	26.2	40,731	28.2	26,822	18.6	12,757	8.8
Southwestern	164,152	34,790	21.2	46,964	28.6	31,646	19.3	10,238	6.2
Stanly	100,027	20,737	20.7	34,110	34.1	23,347	23.3	7,441	7.4
Surry	180,248	37,770	21.0	58,695	32.6	31,034	17.2	15,969	8.9
Tri-County	101,225	27,669	27.3	26,729	26.4	13,735	13.6	5,739	5.7
Vance-Granville	177,582	34,115	19.2	66,720	37.6	30,704	17.3	11,563	6.5
Wake	363,127	66,124	18.2	91,542	25.2	61,640	17.0	35,989	9.9
Wayne	214,270	38,646	18.0	79,924	37.3	38,165	17.8	21,315	9.9
Western Piedmont	164,003	37,847	23.1	49,421	30.1	33,903	20.7	17,122	10.4
Wilkes	243,131	41,564	17.1	60,835	25.0	36,611	15.1	16,687	6.9
Wilson	130,900	26,769	20.4	49,564	37.9	20,843	15.9	10,450	8.0
Subtotal	**11,864,301**	**2,602,628**	**21.9**	**3,706,678**	**31.2**	**2,092,077**	**17.6**	**838,945**	**7.1**
				Private Institutions					
Major Research Universities									
Subtotal	**9,811,522**	**344,935**	**3.5**	**960,843**	**9.8**	**2,507,100**	**25.6**	**674,028**	**6.9**
General Baccalaureate Colleges									
Subtotal	**13,224,746**	**959,077**	**7.3**	**952,644**	**7.2**	**1,556,178**	**11.8**	**888,634**	**6.7**
Junior Colleges									
Subtotal	**292,723**	**17,764**	**6.1**	**13,362**	**4.6**	**30,996**	**10.6**	**14,796**	**5.1**
Grand Total	**68,649,107**	**5,653,775**	**8.2**	**10,202,945**	**14.9**	**12,977,909**	**18.9**	**4,777,299**	**7.0**

Table 15. Assignable Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%
Edgecombe	1,346	1.2	13,991	12.1	8,298	7.2	-	-	-	-	-	-
Fayetteville	19,570	4.2	37,075	7.9	33,645	7.2	378	0.1	-	-	2,408	0.5
Forsyth	15,729	4.2	29,663	7.8	4,933	1.3	-	-	-	-	10,299	2.7
Gaston College	8,151	2.6	32,701	10.4	9,952	3.2	748	0.2	-	-	-	-
Guilford	24,618	4.2	58,639	9.9	16,670	2.8	-	-	3,124	0.5	8,481	1.4
Halifax	4,326	3.2	10,221	7.6	9,362	7.0	-	-	-	-	342	0.3
Haywood	27,459	12.5	32,986	15.0	9,425	4.3	-	-	233	0.1	-	-
Isothermal	22,920	11.5	29,703	14.9	11,651	5.8	-	-	-	-	3,570	1.8
James Sprunt	4,684	4.4	10,348	9.8	4,084	3.8	-	-	-	-	-	-
Johnston	10,469	5.4	31,879	16.5	20,403	10.6	-		1,513	0.8	-	-
Lenoir	24,815	9.9	36,757	14.6	10,475	4.2	-	-	-	-	1,007	0.4
Martin	4,740	2.8	59,396	34.7	5,465	3.2	-	-	-	-	9,839	5.7
Mayland	6,018	6.2	9,798	10.1	3,445	3.6	-	-	-	-	11,358	11.7
McDowell	1,514	1.8	11,521	13.5	4,160	4.9	-	-	-	-	-	-
Mitchell	17,457	9.4	28,168	15.1	11,423	6.1	-	-	-	-	3,374	1.8
Montgomery	2,075	2.5	8,478	10.2	2,721	3.3	-	-	-	-	-	-
Nash	-	-	23,547	16.9	9,193	6.6	-	-	-	-	2,709	1.9
Pamlico	140	0.4	1,973	5.8	2,319	6.8	-	-	-	-	-	-
Piedmont	8,814	8.1	11,245	10.3	4,330	4.0	-	-	-	-	360	0.3
Pitt	21,425	10.3	7,253	3.5	7,040	3.4	-	-	-	-	-	-
Randolph	4,210	2.2	14,677	7.6	8,209	4.3	-	-	-	-	2,021	1.0
Richmond	1,445	1.3	11,298	10.1	7,971	7.1	100	0.1	-	-	5,497	4.9
Roanoke-Chowan	1,087	1.1	9,621	9.6	5,568	5.6	-	-	-	-	3,639	3.6
Robeson	2,734	1.8	25,131	16.5	6,302	4.1	-	-	-	-	-	-
Rockingham	36,410	16.4	25,392	11.4	9,092	4.1	-	-	-	-	-	-
Rowan-Cabarrus	4,267	1.8	22,515	9.4	6,632	2.8	-	-	-	-	11,767	4.9
Sampson	3,439	3.0	11,825	10.4	6,158	5.4	-	-	-	-	1,802	1.6
Sandhills	10,626	4.6	33,102	14.3	9,981	4.3	-	-	5,263	2.3	-	-
South Piedmont	560	0.4	6,427	5.2	4,065	3.3	-	-	-	-	9,987	8.0
Southeastern	11,378	7.9	10,797	7.5	4,101	2.8	-	-	-	-	-	-
Southwestern	8,310	5.1	22,327	13.6	6,408	3.9	-	-	-	-	3,469	2.1
Stanly	1,644	1.6	11,303	11.3	1,445	1.4	-	-	-	-	-	-
Surry	17,155	9.5	14,533	8.1	5,092	2.8	-	-	-	-	-	-
Tri-County	-	-	16,752	16.5	10,601	10.5	-	-	-	-	-	-
Vance-Granville	1,351	0.8	27,088	15.3	5,989	3.4	-	-	-	-	52	-0.1
Wake	23,284	6.4	41,905	11.5	31,770	8.7	140	-0.1	-	-	10,733	3.0
Wayne	4,499	2.1	17,302	8.1	14,288	6.7	131	0.1	-	-	-	-
Western Piedmont	5,100	3.1	13,374	8.2	7,236	4.4	-	-	-	-	-	-
Wilkes	27,202	11.2	42,923	17.7	16,471	6.8	-	-	-	-	838	0.3
Wilson	805	0.6	12,838	9.8	9,524	7.3	107	0.1	-	-	-	-
Subtotal	**599,519**	**5.1**	**1,269,730**	**10.7**	**581,368**	**4.9**	**1,716**	**-0.1**	**11,037**	**0.1**	**160,603**	**1.4**
					Private Institutions							
Major Research Universities												
Subtotal	**529,828**	**5.4**	**964,799**	**9.8**	**581,524**	**5.9**	**1,350,397**	**13.8**	**1,643,073**	**16.7**	**254,995**	**2.6**
General Baccalaureate Colleges												
Subtotal	**1,417,004**	**10.7**	**2,193,922**	**16.6**	**419,519**	**3.2**	**40,733**	**0.3**	**4,539,746**	**34.3**	**258,289**	**2.0**
Junior Colleges												
Subtotal	**20,176**	**6.9**	**67,734**	**23.1**	**4,670**	**1.6**	**3,504**	**1.2**	**90,482**	**30.9**	**29,239**	**10.0**
Grand Total	**6,463,746**	**9.4**	**8,220,602**	**12.0**	**[illegible]3,070,700**	**4.[illegible]**	**2,238,509**	**3.3**	**13,657,176**	**19.9**	**1,386,446**	**2.0**

TABLE 16:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than ten assignable square feet to more than 30, the University of North Carolina has adopted a standard of 18 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

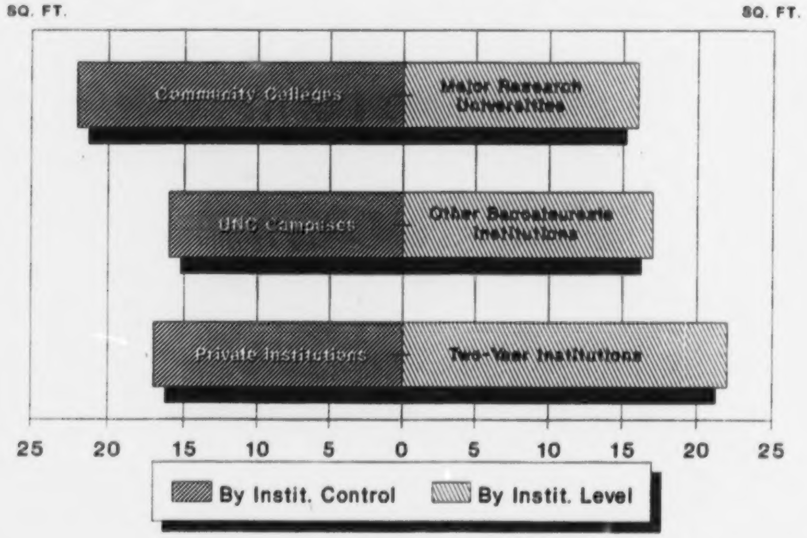
Assignable Square Feet Per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have large numbers of stations per classroom.

CLASSROOMS

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE

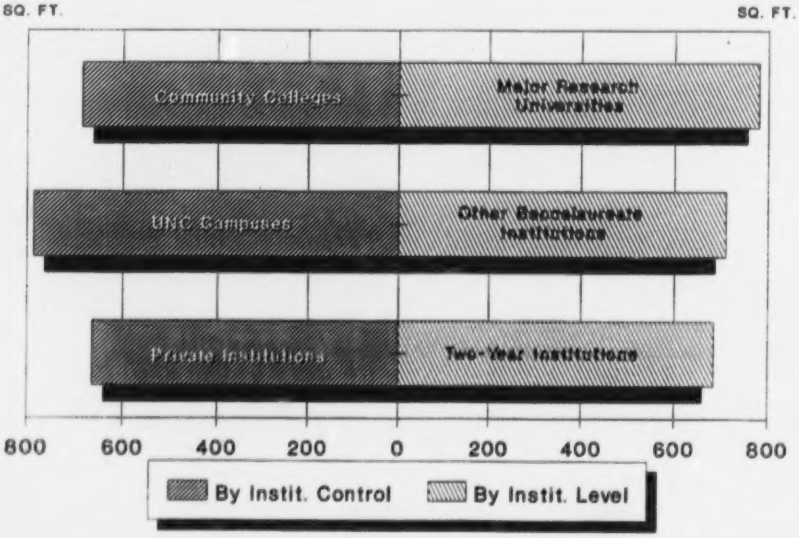


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Table 16. Assignable Area Per Student Station for Classrooms

Institution	No. of Rooms	No. of Student Stations	Ave. Stu/Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2000	1999	1998	1997	1996
				Public Institutions					
Research Universities I									
NC State	241	13,936	58	206,725	15	15	14	15	14
NCSU Veterinary School	5	416	83	7,245	17	17	17	17	17
UNC-Chapel Hill	255	13,080	51	213,433	16	16	16	16	15
UNC-CH Health Affairs	68	3,295	48	46,880	14	14	14	13	14
Subtotal	**569**	**30,727**	**54**	**474,283**	**15**	**15**	**15**	**15**	**15**
Doctoral Universities I and II									
East Carolina	198	9,829	50	158,880	16	16	16	16	17
ECU-Health Affairs	38	1,899	50	30,588	16	16	16	18	17
UNC-Greensboro	124	7,136	58	114,857	16	17	17	17	17
Subtotal	**360**	**18,864**	**52**	**304,325**	**16**	**16**	**16**	-	-
Master's (Comprehensive) Universities and Colleges I									
Appalachian	214	8,472	40	161,670	19	19	19	19	18
Fayetteville	83	3,310	40	58,761	18	18	19	18	18
NC A&T	143	6,082	43	99,674	16	17	15	16	16
NC Central	122	5,688	47	92,799	16	16	16	16	16
UNC-Charlotte	123	7,192	58	101,685	14	14	14	14	14
UNC-Pembroke	71	2,831	40	48,150	17	17	17	17	16
UNC-Wilmington	85	4,643	55	71,661	15	15	15	15	15
Western Carolina	111	4,907	44	86,600	18	18	18	19	18
Subtotal	**952**	**43,125**	**45**	**721,000**	**17**	**17**	**16**	**16**	**16**
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	57	2,515	44	40,255	16	16	16	16	16
UNC-Asheville	47	1,723	37	35,727	21	21	20	21	19
Winston-Salem	66	3,097	47	49,909	16	16	16	16	16
Subtotal	**170**	**7,335**	**43**	**125,891**	**17**	**17**	**17**	**17**	**17**
Schools of Art, Music, and Design									
NC School of the Arts	40	934	23	20,427	22	22	22	22	22
Teaching Hospitals									
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-	-
Community Colleges									
Alamance	53	1,911	36	36,820	19	20	20	20	19
Asheville-Buncombe	121	3,835	32	87,063	23	23	23	24	23
Beaufort Co.	36	960	27	20,069	21	21	24	24	21
Bladen	28	728	26	14,781	20	21	21	20	22
Blue Ridge	62	1,646	27	46,329	28	28	28	27	25
Brunswick	54	1,887	35	40,419	21	20	20	19	19
Caldwell	78	2,123	27	50,340	24	24	24	23	23
Cape Fear	94	2,840	30	80,730	28	30	28	23	24
Carteret	42	1,127	27	23,178	21	20	20	19	18
Catawba Valley	75	2,006	27	50,839	25	25	25	25	23
Central Carolina	113	3,332	29	78,076	23	24	20	21	20
Central Piedmont	266	9,337	35	177,312	19	19	19	18	17
Cleveland	45	1,506	33	30,952	21	18	19	18	18
Coastal Carolina	71	2,126	30	44,280	21	21	22	22	22
College of the Albemarle	51	1,421	28	30,783	22	20	17	17	16
Craven	58	1,680	29	36,277	22	20	19	19	19
Davidson Co.	64	2,200	34	43,607	20	20	20	20	18
Durham	80	2,583	32	54,768	21	21	21	20	20
Edgecombe	47	1,241	26	24,662	20	20	21	21	21

Table 16. *Assignable Area Per Student Station for Classrooms*

Institution	No. of Rooms	No. of Student Stations	Ave. Stu/Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station 2000	1999	1998	1997	1996
Fayetteville	158	5,794	37	111,981	19	19	19	19	21
Forsyth	133	4,157	31	92,281	22	22	22	20	20
Gaston College	102	3,303	32	71,638	22	21	20	20	19
Guilford	202	5,738	28	140,818	25	24	24	23	22
Halifax	49	1,439	29	35,897	25	25	23	23	23
Haywood	39	1,082	28	23,659	22	22	22	22	23
Isothermal	39	1,392	36	27,830	20	22	21	21	21
James Sprunt	40	990	25	24,084	24	24	24	23	23
Johnston	55	1,559	28	37,480	24	23	18	16	16
Lenoir	96	2,486	26	66,799	27	27	27	25	24
Martin	23	640	28	17,438	27	26	26	25	25
Mayland	35	859	25	22,298	26	26	26	24	24
McDowell	23	538	23	12,223	23	24	24	24	20
Mitchell	65	2,030	31	43,354	21	21	22	21	22
Montgomery	20	654	33	13,376	20	21	20	22	21
Nash	39	1,142	29	28,841	25	24	24	23	24
Pamlico	13	295	23	7,179	24	24	23	23	25
Piedmont	37	838	23	22,263	27	25	25	23	23
Pitt	54	1,887	35	39,011	21	21	21	21	20
Randolph	63	1,597	25	42,398	27	28	29	28	29
Richmond	39	1,129	29	20,470	18	18	19	20	20
Roanoke-Chowan	21	590	28	11,656	20	20	20	20	20
Robeson	45	1,661	37	34,633	21	21	21	21	21
Rockingham	51	1,822	36	37,666	21	21	21	21	21
Rowan-Cabarrus	69	2,330	34	47,154	20	20	20	19	19
Sampson	41	1,396	34	31,590	23	22	22	21	21
Sandhills	77	2,683	35	57,386	21	21	19	18	18
South Piedmont	40	1,016	25	27,806	27	23	26	21	21
Southeastern	49	2,152	44	36,817	17	17	18	17	17
Southwestern	47	1,138	24	34,104	30	31	31	27	26
Stanly	32	1,277	40	20,509	16	16	16	16	18
Surry	47	1,575	34	36,965	23	23	24	23	23
Tri-County	36	1,090	30	27,134	25	25	22	29	29
Vance-Granville	48	1,490	31	33,519	22	23	23	23	23
Wake	95	3,278	35	65,615	20	20	20	20	20
Wayne	60	1,923	32	38,088	20	20	20	20	20
Western Piedmont	46	1,548	34	36,889	24	23	23	24	22
Wilkes	65	2,214	34	40,310	18	18	17	17	17
Wilson	39	1,118	29	26,640	24	24	24	23	23
Subtotal	**3,670**	**114,339**	**31**	**2,517,084**	**22**	**22**	**21**	**21**	**21**
				Private Institutions					
Major Research Universities									
Subtotal	**468**	**19,414**	**41**	**334,266**	**17**	**17**	**17**	**17**	**16**
General Baccalaureate Colleges									
Subtotal	**1,432**	**53,325**	**37**	**929,113**	**17**	**17**	**17**	**17**	**17**
Junior Colleges									
Subtotal	**28**	**944**	**34**	**17,764**	**19**	**19**	**19**	**19**	**20**
Grand Total	**7,689**	**289,007**	**38**	**5,444,153**	**19**	**19**	**18**	**18**	**18**

TABLE 17:

ASSIGNABLE SQUARE FEET PER STUDENT STATION FOR CLASS LABORATORIES

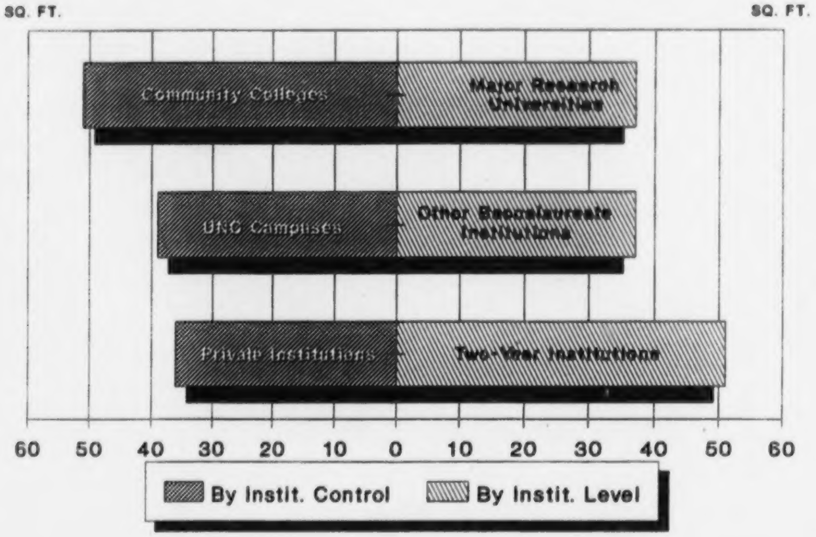
The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The University of North Carolina has developed ASF-per-station standards for four discipline categories of space (see Table 11-Space Standards):

Highly Intensive - 108 ASF	(Includes Engineering (including Textiles), Applied Design, Dance, and Dramatic Arts).
Intensive - 70 ASF	(Includes Agriculture, Architecture, Biological Sciences, Health Professions, Library Science, and Physical Sciences).
Moderately Intensive - 50 ASF	(Includes Communications, Computer/Information Technologies, Education, Art, Home Economics, Law, Psychology).
Non-Intensive - 33 ASF	(Includes Business, Cinematography, Music, Languages, Letters, Mathematics, Public Affairs, Social Sciences).

CLASS LABORATORIES

AVERAGE SQUARE FEET PER STUDENT STATION



AVERAGE ROOM SIZE

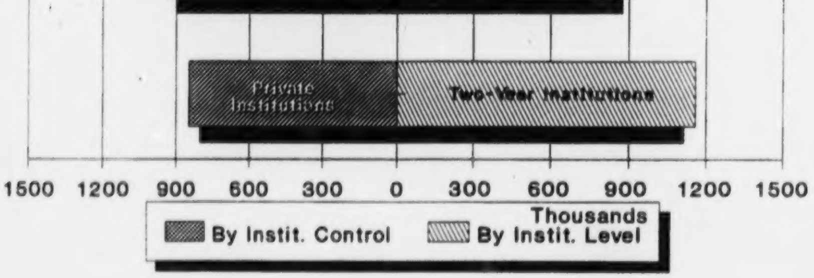


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Table 17. Assignable Area Per Student Station for Class Laboratories

Institution	No. of Rooms	No. of Student Stations	Ave. Stu/Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2000	1999	1998	1997	1996
				Public Institutions					
Research Universities I									
NC State	162	4,292	26	165,403	39	36	36	40	43
NCSU Veterinary School	-	-	-	-	-	-	-	-	72
UNC-Chapel Hill	73	2,018	28	76,136	38	40	34	39	34
UNC-CH Health Affairs	77	1,558	20	61,240	39	41	40	40	43
Subtotal	**312**	**7,868**	**25**	**302,779**	**38**	**38**	**36**	**40**	**42**
Doctoral Universities I and II									
East Carolina	133	3,408	26	129,930	38	38	37	39	40
ECU-Health Affairs	42	369	9	22,620	61	60	61	61	65
UNC-Greensboro	63	1,851	29	72,473	39	40	42	42	40
Subtotal	**238**	**5,628**	**24**	**225,023**	**40**	**40**	**41**	-	-
Master's (Comprehensive) Universities and Colleges I									
Appalachian	115	2,662	23	110,633	42	42	42	41	41
Fayetteville	38	1,104	29	42,250	38	39	44	44	30
NC A&T	132	2,826	21	105,280	37	35	34	33	33
NC Central	50	1,215	24	41,249	34	31	31	31	34
UNC-Charlotte	100	2,410	24	88,477	37	38	38	33	31
UNC-Pembroke	31	707	23	23,260	33	32	32	31	31
UNC-Wilmington	55	1,435	26	52,221	36	37	38	37	42
Western Carolina	57	1,413	25	62,112	44	43	43	39	37
Subtotal	**578**	**13,772**	**24**	**525,482**	**38**	**38**	**38**	**37**	**37**
Baccalaureate (Liberal Arts) Universities and Colleges I and II									
Elizabeth City	49	1,412	29	48,488	34	36	36	36	36
UNC-Asheville	37	908	25	33,390	37	36	37	32	33
Winston-Salem	37	976	26	28,957	30	28	27	27	28
Subtotal	**123**	**3,296**	**27**	**110,835**	**34**	**33**	**34**	**32**	**33**
Schools of Art, Music, and Design									
NC School of the Arts	51	1,345	26	64,610	48	48	48	48	62
Teaching Hospitals									
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-	-
Community Colleges									
Alamance	51	1,280	25	57,827	45	45	45	45	44
Asheville-Buncombe	67	1,589	24	95,870	60	60	68	70	70
Beaufort Co.	35	808	23	42,757	53	54	52	52	52
Bladen	23	497	22	30,110	61	61	60	55	69
Blue Ridge	40	766	19	73,887	96	97	98	98	99
Brunswick	20	436	22	23,335	54	55	55	57	60
Caldwell	66	1,301	20	72,986	56	54	54	66	71
Cape Fear	70	1,630	23	85,011	52	58	65	60	56
Carteret	33	758	23	36,138	48	47	47	46	40
Catawba Valley	73	1,521	21	89,050	59	60	59	59	59
Central Carolina	68	1,666	25	66,820	40	40	40	41	44
Central Piedmont	158	3,865	24	187,005	48	50	54	56	56
Cleveland	49	1,103	23	45,543	41	42	41	41	41
Coastal Carolina	50	1,264	25	60,832	48	48	48	49	48
College of the Albemarle	35	732	21	32,264	44	46	50	52	51
Craven	40	953	24	36,207	38	37	36	36	36
Davidson Co.	50	1,266	25	56,628	45	46	46	46	42
Durham	61	1,393	23	66,638	48	50	51	52	54
Edgecombe	37	670	18	34,008	51	51	51	55	55

Table 17. *Assignable Area Per Student Station for Class Laboratories*

Institution	No. of Rooms	No. of Student Stations	Ave. Stu/Sta Per Room	Total Assignable Sq. Ft.	Sq. Ft. Per Student Station				
					2000	1999	1998	1997	1996
Fayetteville	107	2,842	27	116,693	41	41	43	41	46
Forsyth	74	1,703	23	100,553	59	57	57	58	60
Gaston College	55	1,377	25	69,745	51	53	56	56	54
Guilford	127	2,474	19	153,182	62	61	60	63	61
Halifax	24	479	20	33,133	69	63	60	60	55
Haywood	43	886	21	61,828	70	70	70	76	55
Isothermal	43	985	23	47,553	48	45	47	49	49
James Sprunt	24	522	22	21,466	41	41	40	44	45
Johnston	35	854	24	39,536	46	50	44	42	41
Lenoir	39	848	22	43,963	52	53	57	57	50
Martin	34	833	25	39,117	47	46	47	51	51
Mayland	11	250	23	12,802	51	51	51	56	54
McDowell	24	619	26	29,847	48	49	50	52	49
Mitchell	32	707	22	33,323	47	47	47	47	47
Montgomery	28	608	22	28,972	48	47	45	49	51
Nash	27	528	20	32,462	61	64	65	67	63
Pamlico	11	207	19	9,224	45	45	52	52	59
Piedmont	24	577	24	28,967	50	53	54	57	57
Pitt	55	1,031	19	53,191	52	52	54	54	54
Randolph	47	939	20	59,673	64	65	66	67	67
Richmond	22	500	23	26,514	53	57	62	67	69
Roanoke-Chowan	17	408	24	23,253	57	51	51	51	52
Robeson	33	1,011	31	38,551	38	38	38	38	38
Rockingham	46	1,142	25	58,300	51	52	52	53	53
Rowan-Cabarrus	54	1,266	23	81,656	64	62	69	70	48
Sampson	15	317	21	16,271	51	50	50	52	64
Sandhills	37	986	27	41,878	42	43	43	44	44
South Piedmont	30	628	21	24,570	39	34	37	41	41
Southeastern	43	929	22	34,416	37	37	38	37	37
Southwestern	33	628	19	34,978	56	59	57	54	53
Stanly	29	1,024	35	31,130	30	31	30	30	31
Surry	41	993	24	50,818	51	51	52	50	49
Tri-County	21	369	18	22,611	61	61	67	68	68
Vance-Granville	53	1,365	26	58,940	43	44	43	43	43
Wake	77	1,481	19	75,239	51	53	56	57	58
Wayne	50	1,241	25	61,094	49	49	49	49	49
Western Piedmont	38	834	22	41,004	49	48	49	49	49
Wilkes	42	949	23	46,400	49	49	47	47	47
Wilson	34	647	19	42,673	66	62	62	63	62
Subtotal	**2,605**	**59,485**	**23**	**3,018,442**	**51**	**51**	**52**	**53**	**52**
			Private Institutions						
Major Research Universities									
Subtotal	**176**	**3,360**	**19**	**115,789**	**34**	**35**	**35**	**35**	**37**
General Baccalaureate Colleges									
Subtotal	**655**	**16,318**	**25**	**586,892**	**36**	**35**	**35**	**34**	**34**
Junior Colleges									
Subtotal	**9**	**212**	**24**	**9,178**	**43**	**43**	**43**	**43**	**41**
Grand Total	**4,747**	**111,284**	**23**	**4,959,030**	**45**	**45**	**45**	**45**	**45**

Witherspoon Science Building, Warren Wilson College

Warren Wilson College's new centerpiece facility is the 20,000 square foot Witherspoon Science Building. This two-story $5.8 million building is designed using passive and active energy conservation, including orientation for greatest solar exposure on the broad face of the building. A feature of this solar construction is a specially designed corridor around the inside perimeter of the building which acts as a greenhouse heating space, with solar heat stored in the wall and floor of the hallway. A courtyard featuring natural landscaping design with green space, walkways, and seating areas for small groups of outdoor classes, connects the adjacent Morse Science building to this new facility.

Witherspoon has modern chemistry, biology and environmental science labs, two computer labs, faculty offices, and separate space for lab assistants to work on individual research projects. This new facility is named for Houston Witherspoon, who was a major donor for the project. The total science complex consisting of the Witherspoon Building, Morse Science Building, and Bannerman Lecture Hall creates the Hamill Science Center in honor of the late Ernest Hamill, and the current chairwoman of the Beattie Foundation, Dorothy B. Hamill.

Building Characteristics

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TABLE 18

OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

1 Owned in fee simple.

2 Title vested in the institution and being paid for on an amortization schedule, regardless of whether the building is shared with another institution or organization.

3 Title vested in holding company or building corporation to which payments are being made by the institution; title will ultimately pass to the institution (includes lease-purchase arrangements).

4 Not owned by the institution, but leased or rented to the institution at a typical local rate.

5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.

6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.

7 Not owned by the institution, but shared with another postsecondary educational institution.

8 Other (e.g., not owned by the institution, but shared with a noneducational institution).

Ownership for institutions of the University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institution's trustees.

The sums of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Table 18. Ownership of Buildings

Institution	1 Owned		2 Institution Amortization		3 Holding Co. Amortization		4 Leased or Rented		5 Nominal Rate		Other		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
					Public Institutions								
Research Universities I													
NC State***	7,926,900	74.7	2,559,079	24.1	-	-	61,553	0.6	43,163	0.4	22,109	0.2	10,612,804
NCSU Veterinary School	413,076	100.0	-	-	-	-	-	-	-	-	-	-	413,076
UNC-Chapel Hill	8,187,414	98.2	-	-	-	-	71,853	0.9	66,914	0.8	9,180	0.1	8,335,361
UNC-CH Health Affairs**	3,286,778	81.6	522,938	13.0	-	-	176,246	4.4	-	-	41,562	1.0	4,027,524
Subtotal	**19,814,168**	**84.7**	**3,082,017**	**13.2**	**-**	**-**	**309,652**	**1.3**	**110,077**	**0.5**	**72,851**	**0.3**	**23,388,765**
Doctoral Universities I and II													
East Carolina	3,538,287	98.3	-	-	-	-	38,048	1.1	22,672	0.6	-	-	3,599,007
ECU-Health Affairs	834,170	87.8	-	-	-	-	83,518	8.8	32,368	3.4	-	-	950,056
UNC-Greensboro	3,805,319	99.1	-	-	-	-	25,475	0.7	7,400	0.2	-	-	3,838,194
Subtotal	**8,177,776**	**97.5**	**-**	**-**	**-**	**-**	**147,041**	**1.8**	**62,440**	**0.7**	**-**	**-**	**8,387,257**
Master's (Comprehensive) Universities and Colleges I													
Appalachian	1,796,822	54.0	1,524,165	45.8	-	-	7,010	0.2	-	-	-	-	3,327,997
Fayetteville	825,787	78.4	227,344	21.6	-	-	-	-	-	-	-	-	1,053,131
NC A&T	2,350,355	100.0	-	-	-	-	-	-	-	-	-	-	2,350,355
NC Central	1,895,278	93.4	134,292	6.6	-	-	-	-	-	-	-	-	2,029,570
UNC-Charlotte	2,540,504	63.5	1,459,953	36.5	-	-	-	-	-	-	-	-	4,000,457
UNC-Pembroke	844,865	100.0	-	-	-	-	-	-	-	-	-	-	844,865
UNC-Wilmington	1,251,734	66.9	592,191	31.7	-	-	25,608	1.4	960	0.1	-	-	1,870,493
Western Carolina	1,608,889	68.3	746,441	31.7	-	-	-	-	-	-	-	-	2,355,330
Subtotal	**13,114,234**	**73.5**	**4,684,386**	**26.3**	**-**	**-**	**32,618**	**0.2**	**960**	**-0.1**	**-**	**-**	**17,832,198**
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	766,469	84.9	135,876	15.1	-	-	-	-	-	-	-	-	902,345
UNC-Asheville	658,249	68.5	302,335	31.5	-	-	-	-	-	-	-	-	960,584
Winston-Salem	953,198	88.2	127,536	11.8	-	-	-	-	-	-	-	-	1,080,734
Subtotal	**2,377,916**	**80.8**	**565,747**	**19.2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2,943,663**
Schools of Art, Music, and Design													
NC School of the Arts	591,932	83.4	102,782	14.5	-	-	4,104	0.6	11,053	1.6	-	-	709,871
Teaching Hospitals													
UNC Hosp. at Chapel Hill**	1,503,348	95.9	-	-	-	-	57,815	3.7	-	-	6,721	0.4	1,567,884
Community Colleges													
Alamance	250,480	95.4	-	-	-	-	9,059	3.4	3,075	1.2	-	-	262,614
Asheville-Buncombe	528,877	96.7	-	-	-	-	-	-	18,000	3.3	-	-	546,877
Beaufort Co.	182,504	100.0	-	-	-	-	-	-	-	-	-	-	182,504
Bladen	129,205	98.1	-	-	-	-	2,520	1.9	-	-	-	-	131,725
Blue Ridge	305,595	100.0	-	-	-	-	-	-	-	-	-	-	305,595
Brunswick	239,106	100.0	-	-	-	-	-	-	-	-	-	-	239,106
Caldwell	357,026	97.6	-	-	-	-	-	-	8,648	2.4	-	-	365,674
Cape Fear	379,002	82.3	-	-	-	-	1,786	0.4	79,679	17.3	-	-	460,467
Carteret**	154,686	89.6	-	-	1,960	1.1	4,762	2.8	-	-	11,150	6.5	172,558
Catawba Valley	325,920	81.1	63,788	15.9	-	-	-	-	12,226	3.0	-	-	401,934
Central Carolina	294,470	81.8	-	-	-	-	-	-	65,397	18.2	-	-	359,867
Central Piedmont	1,645,830	94.9	-	-	10,043	0.6	78,252	4.5	-	-	-	-	1,734,125
Cleveland	233,201	100.0	-	-	-	-	-	-	-	-	-	-	233,201
Coastal Carolina	277,026	100.0	-	-	-	-	-	-	-	-	-	-	277,026
College of the Albemarle	198,940	81.9	-	-	-	-	4,440	1.8	39,600	16.3	-	-	242,980
Craven	190,847	93.7	-	-	-	-	12,032	5.9	864	0.4	-	-	203,743
Davidson Co.	339,729	100.0	-	-	-	-	-	-	-	-	-	-	339,729

**Other is Category 6.* ***Other is Category 7.* ****Other is Category 8.*

Table 18. Ownership of Buildings

Institution	1 Owned		2 Institution Amortization		3 Holding Co. Amortization		4 Leased or Rented		5 Nominal Rate		Other		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Durham	322,189	93.6	-	-	-	-	22,150	6.4	-	-	-	-	344,339
Edgecombe	164,764	100.0	-	-	-	-	-	-	-	-	-	-	164,764
Fayetteville*	636,486	94.9	-	-	-	-	10,250	1.5	5,690	0.8	17,913	2.8	670,339
Forsyth	545,264	99.2	-	-	-	-	4,500	0.8	-	-	-	-	549,764
Gaston College	413,389	85.0	-	-	-	-	72,873	15.0	-	-	-	-	486,262
Guilford	795,831	92.8	-	-	-	-	62,108	7.2	-	-	-	-	857,939
Halifax	181,273	96.6	-	-	-	-	6,337	3.4	-	-	-	-	187,610
Haywood	293,578	100.0	-	-	-	-	-	-	-	-	-	-	293,578
Isothermal	283,465	100.0	-	-	-	-	-	-	-	-	-	-	283,465
James Sprunt	145,057	97.8	-	-	-	-	-	-	3,264	2.2	-	-	148,321
Johnston	246,580	94.3	-	-	-	-	-	-	14,954	5.7	-		261,534
Lenoir	336,534	98.7	-	-	-	-	4,514	1.3	-	-	-	-	341,048
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	115,473	88.6	-	-	-	-	-	-	14,900	11.4	-	-	130,373
McDowell	111,037	95.1	-	-	-	-	-	-	5,777	4.9	-	-	116,814
Mitchell	258,176	100.0	-	-	-	-	-	-	-	-	-	-	258,176
Montgomery	76,184	62.6	44,800	36.8	-	-	768	0.6	-	-	-	-	121,752
Nash	211,951	100.0	-	-	-	-	-	-	-	-	-	-	211,951
Pamlico	49,130	100.0	-	-	-	-	-	-	-	-	-	-	49,130
Piedmont	135,205	100.0	-	-	-	-	-	-	-	-	-	-	135,205
Pitt	298,475	98.3	-	-	-	-	5,241	1.7	-	-	-	-	303,716
Randolph	252,240	95.5	-	-	-	-	11,876	4.5	-	-	-	-	264,116
Richmond	156,639	100.0	-	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Chowan	127,542	93.8	-	-	8,379	6.2	-	-	-	-	-	-	135,921
Robeson	188,638	91.4	-	-	-	-	-	-	17,685	8.6	-	-	206,323
Rockingham	311,927	100.0	-	-	-	-	-	-	-	-	-	-	311,927
Rowan-Cabarrus	307,546	98.7	-	-	-	-	4,025	1.3	-	-	-	-	311,571
Sampson	158,028	100.0	-	-	-	-	-	-	-	-	-	-	158,028
Sandhills	328,596	97.6	-	-	-	-	-	-	8,140	2.4	-	-	336,736
South Piedmont	153,146	87.1	-	-	-	-	-	-	22,757	12.9	-	-	175,903
Southeastern	198,706	100.0	-	-	-	-	-	-	-	-	-	-	198,706
Southwestern	220,602	97.2	-	-	-	-	-	-	6,360	2.8	-	-	226,962
Stanly	119,060	84.6	-	-	-	-	19,837	14.1	1,848	1.3	-	-	140,745
Surry	254,926	100.0	-	-	-	-	-	-	-	-	-	-	254,926
Tri-County	132,665	100.0	-	-	-	-	-	-	-	-	-	-	132,665
Vance-Granville	189,366	70.9	-	-	-	-	77,799	29.1	-	-	-	-	267,165
Wake	494,179	90.1	-	-	-	-	22,260	4.1	32,150	5.9	-	-	548,589
Wayne	322,235	95.8	-	-	-	-	14,193	4.2	-	-	-	-	336,428
Western Piedmont	234,143	98.2	-	-	-	-	-	-	4,398	1.8	-	-	238,541
Wilkes	314,994	97.1	-	-	-	-	9,384	2.9	-	-	-	-	324,378
Wilson	179,217	98.2	-	-	-	-	-	-	3,240	1.8	-	-	182,457
Subtotal	**16,526,311**	**94.4**	**108,588**	**0.6**	**20,382**	**0.1**	**460,966**	**2.6**	**368,652**	**2.1**	**29,063**	**0.2**	**17,513,962**
					Private Institutions								
Major Research Universities													
Subtotal***	**16,961,814**	**87.3**	**284,233**	**1.5**	**-**	**-**	**27,494**	**0.1**	**-**	**-**	**2,156,727**	**11.1**	**19,430,268**
General Baccalaureate Colleges													
Subtotal	**16,960,073**	**89.3**	**1,643,644**	**8.7**	**137,836**	**0.7**	**144,832**	**0.8**	**97,282**	**0.5**	**-**	**-**	**18,983,667**
Junior Colleges													
Subtotal	**252,160**	**58.5**	**130,978**	**30.4**	**48,038**	**11.1**	**-**	**-**	**-**	**-**	**-**	**-**	**431,176**
Grand Total	**96,279,732**	**86.6**	**10,602,375**	**9.5**	**206,256**	**0.2**	**1,184,522**	**1.1**	**650,464**	**0.6**	**2,265,362**	**2.0**	**111,188,711**

Other is Category 6. *****Other is Category 7.**** ******Other is Category 8.****

TABLES 19 & 20:

CAPITAL INVESTMENT IN BUILDINGS

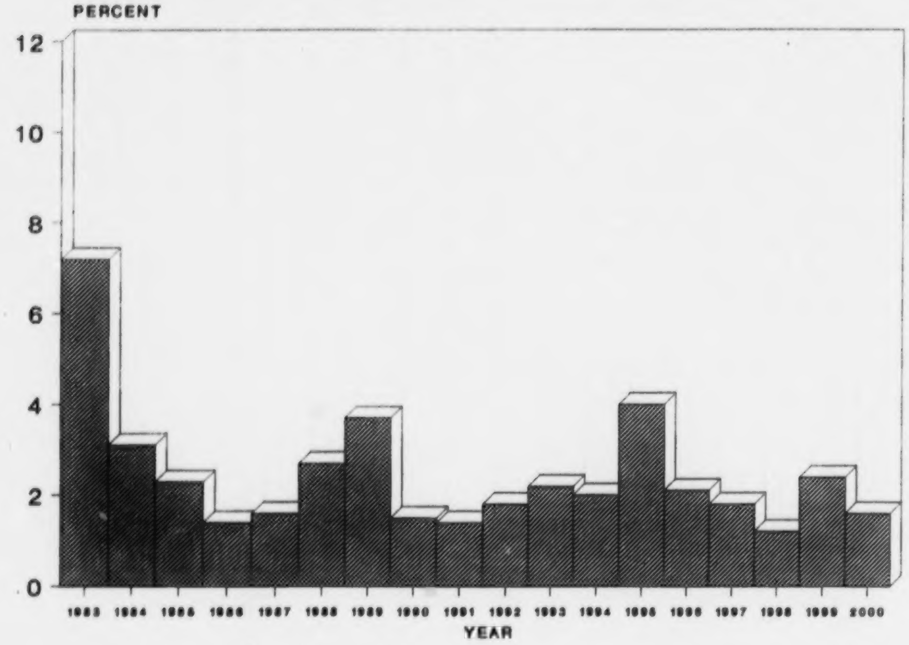
Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated using 1972 construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. From 1984-1987, the Dodge Building Cost Indexes for U. S. and Canadian Cities, published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. Since 1987, due to a lapse in the publishing of the Dodge publication, the R. S. Means Construction Cost Indexes report, which follows a calculation methodology similar to the Dodge report, has been used to construct this index. Factors calculated from the Means publication are derived by computing an average of the construction cost increases for Asheville, Charlotte, Durham, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1981. Relative increases over this period are portrayed in the graph.

Year	Annual Increase	Year	Annual Increase	Year	Annual Increase
1983	7.2%	1989	3.7%	1995	4.0%
1984	3.1%	1990	1.5%	1996	2.1%
1985	2.3%	1991	1.4%	1997	1.8%
1986	1.6%	1992	1.8%	1998	1.2%
1987	1.4%	1993	2.2%	1999	2.4%
1988	2.7%	1994	2.0%	2000	1.6%

RELATIVE INCREASES IN CONSTRUCTION COSTS



Because building cost represents an institution's capital investment in a facility, only buildings which are owned by the institution (i.e., those falling under ownership categories 1-3 on page 111) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Table 19 & 20. Capital Investment

Institution	**Non-Residential Buildings**				**Residential Buildings**			
	No. of Bldgs.	**Building Cost**	**Replacement Value**	**Gross Sq. Ft. on Campus**	**No. of Bldgs.**	**Building Cost**	**Replacement Value**	**Gross Sq. Ft. on Campus**
			Public Institutions					
Research Universities I								
NC State	952	$319,616,634	$1,138,884,702	8,750,467	105	$30,876,963	$251,526,375	1,862,337
NCSU Veterinary School	46	$24,874,167	$69,445,841	413,076	-	-	-	-
UNC-Chapel Hill	192	$398,839,955	$1,059,808,168	6,439,617	40	$26,390,970	$169,932,240	1,895,744
UNC-CH Health Affairs	97	$261,295,231	$596,920,759	4,027,524	-	-	-	-
Subtotal	**1,287**	**$1,004,625,987**	**$2,865,059,470**	**19,630,684**	**145**	**$57,267,933**	**$421,458,615**	**3,758,081**
Doctoral Universities I and II								
East Carolina	104	$132,427,860	$415,066,021	2,559,454	17	$14,142,200	$99,311,851	1,039,553
ECU-Health Affairs	51	$66,111,892	$155,554,469	950,056	-	-	-	-
UNC-Greensboro	55	$111,734,849	$237,532,851	2,842,012	24	$19,402,800	$79,989,244	996,182
Subtotal	**210**	**$310,274,601**	**$808,153,341**	**6,351,522**	**41**	**$33,545,000**	**$179,301,095**	**2,035,735**
Master's (Comprehensive) Universities and Colleges I								
Appalachian	56	$119,153,549	$296,263,147	2,274,789	26	$29,559,301	$89,055,154	1,053,208
Fayetteville	37	$39,013,286	$74,807,453	766,177	10	$7,117,600	$24,037,793	286,954
NC A&T	88	$74,331,241	$292,441,846	1,795,483	21	$6,647,836	$82,548,379	554,872
NC Central	51	$63,250,023	$151,858,583	1,436,238	13	$20,271,500	$52,864,698	593,332
UNC-Charlotte	45	$156,454,640	$338,924,030	2,893,983	13	$53,520,823	$102,479,518	1,106,474
UNC-Pembroke	29	$28,213,355	$60,336,205	615,432	8	$11,224,198	$20,727,347	229,433
UNC-Wilmington	93	$94,342,673	$155,401,814	1,390,292	32	$24,716,252	$43,086,869	480,201
Western Carolina	64	$54,527,948	$149,268,860	1,614,434	21	$11,409,250	$57,659,232	740,896
Subtotal	**463**	**$629,286,715**	**$1,519,301,938**	**12,786,828**	**144**	**$164,466,760**	**$472,458,990**	**5,045,370**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	36	$33,541,087	$66,745,688	619,423	25	$8,110,419	$23,818,605	282,922
UNC-Asheville	21	$39,526,809	$64,891,851	681,748	14	$20,028,423	$28,020,429	278,836
Winston-Salem	22	$39,882,022	$77,326,241	808,717	8	$9,894,875	$21,454,910	272,017
Subtotal	**79**	**$112,949,918**	**$208,963,780**	**2,109,888**	**47**	**$38,033,717**	**$73,293,944**	**833,775**
Schools of Art, Music, and Design								
NC School of the Arts	21	$29,534,202	$66,611,361	570,247	15	$3,508,000	$11,179,953	139,624
Teaching Hospitals								
UNC Hosp. at Chapel Hill	27	$102,091,683	$211,050,716	1,567,884	-	-	-	-
Community Colleges								
Alamance	12	$14,333,403	$27,988,394	261,942	1	$4,000	$11,568	672
Asheville-Buncombe	21	$29,861,533	$50,209,753	546,877	-	-	-	-
Beaufort Co.	10	$8,083,595	$14,146,018	182,504	-	-	-	-
Bladen	23	$4,532,290	$10,094,548	131,725	-	-	-	-
Blue Ridge	13	$17,465,474	$25,907,494	305,595	-	-	-	-
Brunswick	13	$17,799,237	$22,672,846	239,106	-	-	-	-
Caldwell	16	$24,056,946	$38,276,062	365,674	-	-	-	-
Cape Fear	20	$24,187,677	$46,445,756	460,467	-	-	-	-
Carteret	18	$6,631,372	$17,810,049	172,558	-	-	-	-
Catawba Valley	19	$17,580,388	$35,515,405	401,934	-	-	-	-
Central Carolina	21	$16,275,158	$33,576,609	359,867	-	-	-	-
Central Piedmont	47	$73,119,792	$146,821,194	1,734,125	-	-	-	-
Cleveland	12	$12,831,801	$20,482,330	233,201	-	-	-	-
Coastal Carolina	14	$15,747,357	$27,338,696	277,026	-	-	-	-
College of the Albemarle	14	$13,375,640	$24,250,260	242,980	-	-	-	-
Craven	16	$10,338,391	$17,518,153	203,743	-	-	-	-
Davidson Co.	18	$16,236,453	$29,647,712	339,729	-	-	-	-
Durham	14	$16,540,909	$31,282,488	344,339	-	-	-	-
Edgecombe	9	$6,768,200	$12,817,278	164,764	-	-	-	-

Table 19 & 20. Capital Investment

Institution	Non-Residential Buildings				Residential Buildings			
	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. on Campus	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. on Campus
Fayetteville	30	$28,095,981	$51,564,704	670,339	-	-	-	-
Forsyth	21	$23,915,943	$46,760,978	549,764	-	-	-	-
Gaston College	31	$22,273,741	$45,740,969	486,262	-	-	-	-
Guilford	31	$41,177,959	$77,740,110	853,661	1	$82,000	$371,113	4,278
Halifax	14	$8,114,204	$12,773,089	187,610	-	-	-	-
Haywood	31	$12,300,704	$21,751,012	293,578	-	-	-	-
Isothermal	17	$21,365,462	$30,698,370	283,465	-	-	-	-
James Sprunt	16	$6,391,461	$12,298,805	148,321	-	-	-	-
Johnston	13	$13,557,116	$21,713,216	259,754	1	$40,000	$43,773	1,780
Lenoir	25	$15,227,595	$27,571,668	341,048	-	-	-	-
Martin	12	$4,891,455	$12,417,516	229,431	-	-	-	-
Mayland	13	$7,630,394	$12,646,348	130,373	-	-	-	-
McDowell	8	$6,081,814	$11,466,352	116,814	-	-	-	-
Mitchell	21	$4,724,528	$19,320,645	258,176	-	-	-	-
Montgomery	9	$7,921,126	$10,825,944	121,752	-	-	-	-
Nash	9	$13,862,762	$18,434,416	211,951	-	-	-	-
Pamlico	5	$2,702,463	$5,638,599	49,130	-	-	-	-
Piedmont	12	$7,756,394	$13,206,387	135,205	-	-	-	-
Pitt	27	$19,989,474	$30,695,305	303,716	-	-	-	-
Randolph	22	$12,010,185	$21,931,387	264,116	-	-	-	-
Richmond	9	$4,984,574	$13,289,808	156,639	-	-	-	-
Roanoke-Chowan	8	$5,165,869	$11,156,610	135,921	-	-	-	-
Robeson	19	$9,331,650	$17,964,659	206,323	-	-	-	-
Rockingham	16	$12,296,785	$26,070,965	311,927	-	-	-	-
Rowan-Cabarrus	10	$14,418,060	$26,740,683	311,571	-	-	-	-
Sampson	13	$9,407,475	$13,738,891	.158,028	-	-	-	-
Sandhills	23	$15,871,618	$28,752,784	331,391	1	$52,000	$583,633	5,345
South Piedmont	8	$5,301,770	$15,184,801	175,903	-	-	-	-
Southeastern	16	$7,121,797	$16,118,088	198,706	-	-	-	-
Southwestern	14	$11,791,698	$19,537,484	226,962	-	-	-	-
Stanly	10	$7,033,642	$14,874,919	140,745	-	-	-	-
Surry	13	$10,944,149	$20,326,373	254,926	-	-	-	-
Tri-County	18	$5,755,653	$11,382,636	132,665	-	-	-	-
Vance-Granville	15	$9,787,958	$25,987,368	267,165	-	-	-	-
Wake	25	$25,546,913	$44,821,698	548,589	-	-	-	-
Wayne	14	$26,035,601	$33,316,333	336,428	-	-	-	-
Western Piedmont	17	$12,341,581	$23,251,392	238,541	-	-	-	-
Wilkes	27	$13,209,632	$26,309,983	324,378	-	-	-	-
Wilson	14	$5,850,942	$16,136,532	182,457	-	-	-	-
Subtotal	**986**	**$837,953,744**	**$1,542,958,872**	**17,501,887**	**4**	**$178,000**	**$1,010,087**	**12,075**
			Private Institutions					
Major Research Universities								
Subtotal	**320**	**$911,604,016**	**$2,591,886,946**	**16,897,955**	**129**	**$72,390,768**	**$489,916,573**	**2,532,313**
General Baccalaureate Colleges								
Subtotal	**833**	**$464,511,994**	**$1,161,909,034**	**12,030,575**	**613**	**$178,828,570**	**$586,332,990**	**6,953,092**
Junior Colleges								
Subtotal	**17**	**$8,285,889**	**$25,468,986**	**281,147**	**8**	**$1,956,900**	**$13,266,587**	**150,029**
Grand Total	**4,243**	**$4,411,118,749**	**$11,001,364,444**	**89,728,617**	**1,146**	**$550,175,648**	**$2,248,218,834**	**21,460,094**

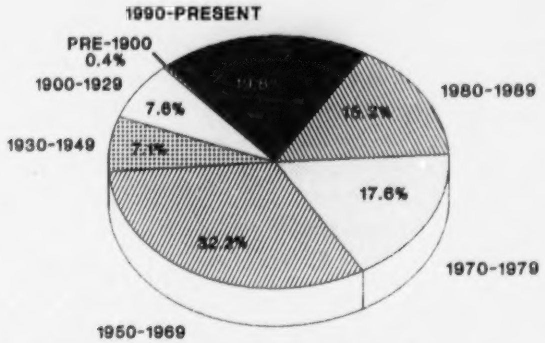
TABLE 21:

AGE OF BUILDINGS

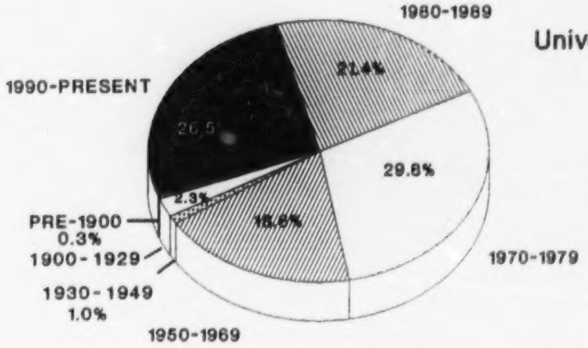
This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

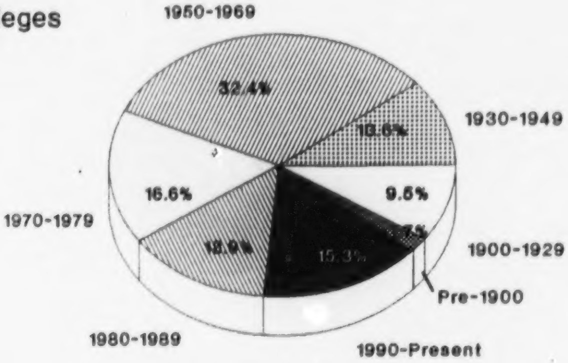
PERCENTAGE DISTRIBUTION OF GROSS AREA BY AGE OF BUILDINGS



University of North Carolina Campuses
and UNC Hospitals at Chapel Hill



Community Colleges



Private Institutions

Table 21. Age of Buildings

		Period of Construction						
Institution	**Total Gross Square Feet**	**Pre-1900 GSF**	**1900-1929 GSF**	**1930-1949 GSF**	**1940-1959 GSF**	**1960-1979 GSF**	**1980-1989 GSF**	**1990-Present GSF**
			Public Institutions					
Research Universities I								
NC State	10,612,804	68,968	959,460	1,229,428	3,618,706	1,673,083	1,096,754	1,966,405
NCSU Veterinary School	413,076	-	-	28,559	7,626	3,509	359,092	14,290
UNC-Chapel Hill	8,335,361	123,808	1,567,947	855,435	2,602,012	492,376	1,442,519	1,251,264
UNC-CH Health Affairs	4,027,524	-	-	139,364	843,398	1,422,589	250,816	1,371,357
Subtotal	**23,388,765**	**192,776**	**2,527,407**	**2,252,786**	**7,071,742**	**3,591,557**	**3,149,181**	**4,603,316**
Doctoral Universities I and II								
East Carolina	3,599,007	-	330,298	181,348	1,923,652	537,778	262,615	363,316
ECU-Health Affairs	950,056	3,779	-	-	68,749	108,718	576,199	192,611
UNC-Greensboro	3,838,194	31,100	666,129	221,294	984,375	689,938	356,016	889,342
Subtotal	**8,387,257**	**34,879**	**996,427**	**402,642**	**2,976,776**	**1,336,434**	**1,194,830**	**1,445,269**
Master's (Comprehensive) Universities and Colleges I								
Appalachian	3,327,997	-	71,326	128,983	1,524,493	700,343	338,606	564,246
Fayetteville	1,053,131	-	21,642	129,538	288,696	192,871	201,240	219,144
NC A&T	2,350,355	-	87,697	155,758	1,202,955	301,161	386,126	216,658
NC Central	2,029,570	-	40,415	381,849	802,098	201,277	311,654	292,277
UNC-Charlotte	4,000,457	-	-	-	572,310	1,145,873	724,950	1,557,324
UNC-Pembroke	844,865	-	-	-	320,511	320,491	72,197	131,666
UNC-Wilmington	1,870,493	-	17,131	12,250	236,738	510,282	681,173	412,919
Western Carolina	2,355,330	363	56,107	183,254	1,036,222	582,013	428,212	69,159
Subtotal	**17,832,198**	**363**	**294,318**	**991,632**	**5,984,023**	**3,954,311**	**3,144,158**	**3,463,393**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	902,345	-	91,377	57,955	265,132	148,883	171,193	167,805
UNC-Asheville	960,584	-	5,797	-	307,046	96,220	227,845	323,676
Winston-Salem	1,080,734	-	71,407	56,786	284,557	277,422	80,471	310,091
Subtotal	**2,943,663**	**-**	**168,581**	**114,741**	**856,735**	**522,525**	**479,509**	**801,572**
Schools of Art, Music, and Design								
NC School of the Arts	709,871	-	170,063	95,302	176,663	113,629	54,775	99,439
Teaching Hospitals								
UNC Hosp. at Chapel Hill	1,567,884	-	-	51,256	569,995	158,059	372,528	416,046
Community Colleges								
Alamance	262,614	-	28,804	-	3,700	116,156	62,745	51,209
Asheville-Buncombe	546,877	7,797	3,785	10,411	123,648	80,388	172,453	148,395
Beaufort Co.	182,504	-	-	-	-	100,657	31,881	49,966
Bladen	131,725	-	-	2,520	7,170	75,153	26,800	20,082
Blue Ridge	305,595	-	-	-	26,212	90,076	56,537	132,770
Brunswick	239,106	-	-	3,732	22,989	-	99,362	113,023
Caldwell	365,674	-	-	-	69,119	96,469	73,906	126,180
Cape Fear	460,467	-	25,444	-	49,540	218,998	3,750	162,735
Carteret	172,558	-	-	18,000	40,547	52,377	15,943	45,691
Catawba Valley	401,934	-	-	1,650	86,697	176,492	73,307	63,788
Central Carolina	359,867	-	-	14,250	96,628	32,400	69,202	147,387
Central Piedmont	1,734,125	-	106,968	46,888	318,354	603,996	213,557	444,362
Cleveland	233,201	-	-	-	1,875	44,921	141,145	45,260
Coastal Carolina	277,026	-	-	-	-	171,513	44,849	60,664
College of the Albemarle	242,980	-	-	5,268	21,120	55,309	124,123	37,160
Craven	203,743	-	-	-	-	73,770	54,941	75,032
Davidson Co.	339,729	-	-	-	90,186	95,766	26,226	127,551
Durham	344,339	-	-	-	123,045	33,552	95,680	92,062
Edgecombe	164,764	-	17,209	-	-	61,629	57,506	28,420

Table 21. Age of Buildings

Institution	Total Gross Square Feet	Period of Construction Pre-1900 GSF	1900-1929 GSF	1930-1949 GSF	1940-1959 GSF	1960-1979 GSF	1980-1989 GSF	1990-Present GSF
Fayetteville	670,339	-	-	-	185,286	131,731	106,407	246,915
Forsyth	549,764	-	-	-	206,372	65,331	92,266	185,795
Gaston College	486,262	-	63,927	-	153,100	107,325	37,828	124,082
Guilford	857,939	1,931	44,081	10,850	211,075	204,390	107,912	277,700
Halifax	187,610	-	-	-	-	81,455	28,890	77,265
Haywood	293,578	-	-	-	25,972	142,348	42,821	82,437
Isothermal	283,465	-	-	-	57,962	119,876	44,627	61,000
James Sprunt	148,321	-	2,064	-	24,245	76,630	15,665	29,717
Johnston	261,534	-	-	-	4,948	86,523	106,378	63,685
Lenoir	341,048	-	-	-	133,488	114,585	34,343	58,632
Martin	229,431	-	-	-	-	144,151	19,440	65,840
Mayland	130,373	-	3,100	-	-	37,851	41,067	48,355
McDowell	116,814	-	5,777	-	30,104	35,739	26,244	18,950
Mitchell	258,176	31,767	89,369	27,943	32,819	76,278	-	-
Montgomery	121,752	-	-	-	600	64,090	5,696	51,366
Nash	211,951	-	-	-	-	87,474	70,325	54,152
Pamlico	49,130	-	-	-	-	40,198	-	8,932
Piedmont	135,205	-	-	-	-	88,429	40,321	6,455
Pitt	303,716	-	-	-	78,185	38,918	40,009	146,604
Randolph	264,116	-	-	-	52,599	98,677	60,157	52,683
Richmond	156,639	-	-	9,000	56,560	34,785	56,294	-
Roanoke-Chowan	135,921	-	-	-	8,379	51,624	62,918	13,000
Robeson	206,323	-	-	-	6,880	85,224	108,824	5,395
Rockingham	311,927	-	-	-	148,238	63,909	57,270	42,510
Rowan-Cabarrus	311,571	-	-	-	82,716	84,007	-	144,848
Sampson	158,028	-	-	-	2,381	51,865	63,400	40,382
Sandhills	336,736	-	7,500	-	126,325	60,649	82,873	59,389
South Piedmont	175,903	8,689	-	-	-	24,912	100,674	41,628
Southeastern	198,706	-	-	-	77,323	66,014	18,448	36,921
Southwestern	226,962	-	-	-	2,760	79,426	115,336	29,440
Stanly	140,745	-	-	-	14,131	49,951	38,647	38,016
Surry	254,926	-	-	-	67,452	104,942	15,370	67,162
Tri-County	132,665	-	-	26,176	9,720	22,770	58,399	15,600
Vance-Granville	267,165	-	-	-	3,069	133,016	71,677	59,403
Wake	548,589	-	-	-	95,886	117,671	171,451	163,581
Wayne	336,428	-	-	-	14,193	27,949	149,959	144,327
Western Piedmont	238,541	-	-	4,398	72,716	54,469	67,928	39,030
Wilkes	324,378	-	-	-	107,382	80,941	77,227	58,828
Wilson	182,457	-	-	-	92,044	9,812	66,431	14,170
Subtotal	**17,513,962**	**50,184**	**398,028**	**181,086**	**3,265,740**	**5,225,557**	**3,747,435**	**4,645,932**
			Private Institutions					
Major Research Universities								
Subtotal	**19,430,268**	**35,728**	**1,481,976**	**2,343,578**	**4,039,995**	**4,369,818**	**3,601,760**	**3,557,413**
General Baccalaureate Colleges								
Subtotal	**18,983,667**	**586,457**	**2,122,595**	**1,744,204**	**8,389,024**	**2,039,931**	**1,699,225**	**2,400,231**
Junior Colleges								
Subtotal	**431,176**	**27,673**	**81,360**	**12,346**	**173,371**	**41,696**	**94,730**	**-**
Grand Total	**111,188,711**	**930,060**	**8,240,755**	**8,189,573**	**33,504,064**	**21,353,517**	**17,538,131**	**21,432,611**

TABLE 22:

CONDITION OF BUILDINGS

The physical condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970s, several institutions attempted to economize by deferring the maintenance of facilities. Many institutions continued this policy through the 1980s and 1990s. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. In those cases where campus project officers do not have this information, they are encouraged to consult qualified physical plant personnel each year for assignment of a condition code. These codes are defined on the following page.

FCAP: Facilities Maintenance and Repair Needs

The Facilities Condition Assessment Program (FCAP), a recurring baseline study of condition of facilities over 3,000 GSF for the institutions of the University of North Carolina and the N.C. Community College System, provides a precise dollar assessment of deferred maintenance and repairs for buildings and other assets. This study is conducted by the State Construction Office, a division of the North Carolina Department of Administration, on a three-year cycle for the UNC institutions. Figures are generated for both appropriated (fund) and non-appropriated facilities. Table 22a presents the FCAP dollar deficiency data as of the completion of the 1998 FCAP cycle (March, 1999), for the sixteen UNC institutions. These costs reflect funds required to restore facilities to their original functionality and performance level. **The FCAP methodology is not intended to quantify needed or desired improvements that go beyond the original design functionality**. For example, if the air-conditioning system in a given facility is not performing adequately because of a faulty chiller, the cost of required repairs would be reflected in FCAP. However, if the building lacked air-conditioning altogether when originally built, despite the need for it in order to meet contemporary standards for classroom instruction, the cost of retrofitting air-conditioning would not be reflected in FCAP, because it was not called for in the original design. FCAP was not intended to identify deficiencies related to current standards of quality or suitability of space for current program purposes.

BUILDING CONDITION CODES
(Building Inventory File)

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

1 - Satisfactory

Suitable for continued use with normal maintenance.

2 - Remodeling A

Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

3 - Remodeling B

Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

4 - Remodeling C

Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

5 - Demolition

Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. This category takes precedence over categories 1-4. If a building is scheduled for demolition, its condition code is recorded as "5-Demolition," regardless of its condition.

6 - Termination

Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacating of leased space. This category takes precedence over categories 1-4. If a building is scheduled for termination, its condition code is recorded as "6-Termination," regardless of its condition.

Table 22. Condition of Buildings

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
					Public Institutions								
Research Universities I													
NC State	4,613,280	43.5	2,495,291	23.5	2,815,309	26.5	562,436	5.3	62,489	0.6	63,999	0.6	10,612,804
NCSU Veterinary School	19,010	4.6	345,512	83.6	46,721	11.3	1,833	0.4	-	-	-	-	413,076
UNC-Chapel Hill	4,895,540	58.7	2,318,816	27.8	750,828	9.0	253,620	3.0	114,417	1.4	2,140	-0.1	8,335,361
UNC-CH Health Affairs	3,209,650	79.7	491,430	12.2	248,659	6.2	6,691	0.2	10,835	0.3	60,259	1.5	4,027,524
Subtotal	**12,737,480**	**54.5**	**5,651,049**	**24.2**	**3,861,517**	**16.5**	**824,580**	**3.5**	**187,741**	**0.8**	**126,398**	**0.5**	**23,388,765**
Doctoral Universities I and II													
East Carolina	819,649	22.8	413,290	11.5	740,483	20.6	1,625,585	45.2	-	-	-	-	3,599,007
ECU-Health Affairs	330,912	34.8	19,005	2.0	510,364	53.7	88,525	9.3	-	-	1,250	0.1	950,056
UNC-Greensboro	1,333,343	34.7	906,179	23.6	992,497	25.9	473,322	12.3	13,810	0.4	119,043	3.1	3,838,194
Subtotal	**2,483,904**	**29.6**	**1,338,474**	**16.0**	**2,243,344**	**26.7**	**2,187,432**	**26.1**	**13,810**	**0.2**	**120,293**	**1.4**	**8,387,257**
Master's (Comprehensive) Universities and Colleges I													
Appalachian	2,843,585	85.4	345,904	10.4	113,258	3.4	25,250	0.8	-	-	-	-	3,327,997
Fayetteville	905,472	86.0	87,236	8.3	60,423	5.7	-	-	-	-	-	-	1,053,131
NC A&T	374,581	15.9	185,718	7.9	390,154	16.6	1,380,050	58.7	19,852	0.8	-	-	2,350,355
NC Central	1,455,254	71.7	132,131	6.5	121,789	6.0	156,410	7.7	163,986	8.1	-	-	2,029,570
UNC-Charlotte	3,770,694	94.3	229,763	5.7	-	-	-	-	-	-	-	-	4,000,457
UNC-Pembroke	645,799	76.4	151,762	18.0	20,000	2.4	27,304	3.2	-	-	-	-	844,865
UNC-Wilmington	1,863,689	99.6	6,804	0.4	-	-	-	-	-	-	-	-	1,870,493
Western Carolina	951,385	40.4	1,007,944	42.8	330,153	14.0	65,848	2.8	-	-	-	-	2,355,330
Subtotal	**12,810,459**	**71.8**	**2,147,262**	**12.0**	**1,035,777**	**5.8**	**1,654,862**	**9.3**	**183,838**	**1.0**	-	-	**17,832,198**
Baccalaureate (Liberal Arts) Universities and Colleges I and II													
Elizabeth City	502,032	55.6	245,677	27.2	136,536	15.1	18,100	2.0	-	-	-	-	902,345
UNC-Asheville	307,317	32.0	246,017	25.6	105,297	11.0	301,953	31.4	-	-	-	-	960,584
Winston-Salem	291,156	26.9	532,195	49.2	147,744	13.7	75,516	7.0	34,123	3.2	-	-	1,080,734
Subtotal	**1,100,505**	**37.4**	**1,023,889**	**34.8**	**389,577**	**13.2**	**395,569**	**13.4**	**34,123**	**1.2**	-	-	**2,943,663**
Schools of Art, Music, and Design													
NC School of the Arts	667,533	94.0	27,768	3.9	-	-	14,570	2.1	-	-	-	-	709,871
Teaching Hospitals													
UNC Hosp. at Chapel Hill	1,567,884	100.0	-	-	-	-	-	-	-	-	-	-	1,567,884
Community Colleges													
Alamance	233,810	89.0	28,804	11.0	-	-	-	-	-	-	-	-	262,614
Asheville-Buncombe	527,792	96.5	792	0.1	7,797	1.4	10,496	1.9	-	-	-	-	546,877
Beaufort Co.	182,504	100.0	-	-	-	-	-	-	-	-	-	-	182,504
Bladen	119,808	91.0	420	0.3	8,377	6.4	3,120	2.4	-	-	-	-	131,725
Blue Ridge	305,595	100.0	-	-	-	-	-	-	-	-	-	-	305,595
Brunswick	212,385	88.8	3,732	1.6	20,314	8.5	-	-	-	-	2,675	1.1	239,106
Caldwell	363,292	99.3	2,382	0.7	-	-	-	-	-	-	-	-	365,674
Cape Fear	447,207	97.1	-	-	13,260	2.9	-	-	-	-	-	-	460,467
Carteret	114,011	66.1	-	-	2,450	1.4	10,257	5.9	-	-	45,840	26.6	172,558
Catawba Valley	401,934	100.0	-	-	-	-	-	-	-	-	-	-	401,934
Central Carolina	316,091	87.8	14,250	4.0	29,526	8.2	-	-	-	-	-	-	359,867
Central Piedmont	762,983	44.0	836,006	48.2	133,113	7.7	2,023	0.1	-	-	-	-	1,734,125
Cleveland	233,201	100.0	-	-	-	-	-	-	-	-	-	-	233,201
Coastal Carolina	277,026	100.0	-	-	-	-	-	-	-	-	-	-	277,026
College of the Albemarle	237,712	97.8	-	-	-	-	5,268	2.2	-	-	-	-	242,980
Craven	203,743	100.0	-	-	-	-	-	-	-	-	-	-	203,743
Davidson Co.	339,729	100.0	-	-	-	-	-	-	-	-	-	-	339,729
Durham	252,614	73.4	38,016	11.0	-	-	53,709	15.6	-	-	-	-	344,339
Edgecombe	164,764	100.0	-	-	-	-	-	-	-	-	-	-	164,764

Table 22. Condition of Buildings

Institution	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Sq. Ft.
	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	GSF	%	
Fayetteville	655,980	97.9	199	-0.1	-	-	-	-	-	-	14,160	2.1	670,339
Forsyth	471,274	85.7	78,490	14.3	-	-	-	-	-	-	-	-	549,764
Gaston College	486,262	100.0	-	-	-	-	-	-	-	-	-	-	486,262
Guilford	857,939	100.0	-	-	-	-	-	-	-	-	-	-	857,939
Halifax	187,610	100.0	-	-	-	-	-	-	-	-	-	-	187,610
Haywood	249,518	85.0	41,900	14.3	-	-	-	-	-	-	2,160	0.7	293,578
Isothermal	283,465	100.0	-	-	-	-	-	-	-	-	-	-	283,465
James Sprunt	143,713	96.9	-	-	-	-	3,336	2.2	1,272	0.9	-	-	148,321
Johnston	261,534	100.0	-	-	-	-	-	-	-	-	-	-	261,534
Lenoir	341,048	100.0	-	-	-	-	-	-	-	-	-	-	341,048
Martin	229,431	100.0	-	-	-	-	-	-	-	-	-	-	229,431
Mayland	119,393	91.6	-	-	-	-	10,980	8.4	-	-	-	-	130,373
McDowell	116,814	100.0	-	-	-	-	-	-	-	-	-	-	116,814
Mitchell	39,551	15.3	24,110	9.3	100,962	39.1	93,553	36.2	-	-	-	-	258,176
Montgomery	121,752	100.0	-	-	-	-	-	-	-	-	-	-	121,752
Nash	210,511	99.3	-	-	-	-	-	-	1,440	0.7	-	-	211,951
Pamlico	49,130	100.0	-	-	-	-	-	-	-	-	-	-	49,130
Piedmont	135,205	100.0	-	-	-	-	-	-	-	-	-	-	135,205
Pitt	298,088	98.1	-	-	-	-	-	-	-	-	5,628	1.9	303,716
Randolph	264,116	100.0	-	-	-	-	-	-	-	-	-	-	264,116
Richmond	156,639	100.0	-	-	-	-	-	-	-	-	-	-	156,639
Roanoke-Chowan	135,921	100.0	-	-	-	-	-	-	-	-	-	-	135,921
Robeson	206,323	100.0	-	-	-	-	-	-	-	-	-	-	206,323
Rockingham	311,927	100.0	-	-	-	-	-	-	-	-	-	-	311,927
Rowan-Cabarrus	269,428	86.5	-	-	42,143	13.5	-	-	-	-	-	-	311,571
Sampson	157,335	99.6	693	0.4	-	-	-	-	-	-	-	-	158,028
Sandhills	267,200	79.3	66,916	19.9	1,420	0.4	1,200	0.4	-	-	-	-	336,736
South Piedmont	142,302	80.9	8,689	4.9	24,912	14.2	-	-	-	-	-	-	175,903
Southeastern	198,706	100.0	-	-	-	-	-	-	-	-	-	-	198,706
Southwestern	226,962	100.0	-	-	-	-	-	-	-	-	-	-	226,962
Stanly	140,745	100.0	-	-	-	-	-	-	-	-	-	-	140,745
Surry	254,926	100.0	-	-	-	-	-	-	-	-	-	-	254,926
Tri-County	116,860	88.1	-	-	6,541	4.9	8,400	6.3	864	0.7	-	-	132,665
Vance-Granville	267,165	100.0	-	-	-	-	-	-	-	-	-	-	267,165
Wake	548,589	100.0	-	-	-	-	-	-	-	-	-	-	548,589
Wayne	322,235	95.8	-	-	-	-	-	-	-	-	14,193	4.2	336,428
Western Piedmont	234,143	98.2	-	-	-	-	4,398	1.8	-	-	-	-	238,541
Wilkes	324,378	100.0	-	-	-	-	-	-	-	-	-	-	324,378
Wilson	182,457	100.0	-	-	-	-	-	-	-	-	-	-	182,457
Subtotal	**15,682,776**	**89.5**	**1,145,399**	**6.5**	**390,815**	**2.2**	**206,740**	**1.2**	**3,576**	**-0.1**	**84,656**	**0.5**	**17,513,962**
					Private Institutions								
Major Research Universities													
Subtotal	**19,260,533**	**99.1**	**104,892**	**0.5**	**51,408**	**0.3**	**4,753**	**-0.1**	**8,682**	**-0.1**	**-**	**-**	**19,430,268**
General Baccalaureate Colleges													
Subtotal	**17,111,916**	**90.1**	**1,297,428**	**6.8**	**384,650**	**2.0**	**123,987**	**0.7**	**10,104**	**0.1**	**55,582**	**0.3**	**18,983,667**
Junior Colleges													
Subtotal	**418,830**	**97.1**	**5,024**	**1.2**	**-**	**-**	**-**	**-**	**7,322**	**1.7**	**-**	**-**	**431,176**
Grand Total	**83,841,820**	**75.4**	**12,741,185**	**11.5**	**8,357,088**	**7.5**	**5,412,493**	**4.9**	**449,196**	**0.4**	**386,929**	**0.3**	**111,188,711**

Table 22a. FCAP: Facilities Maintenance and Repair

(UNC Institutions only – Infrastructure and Buildings over 3000 GSF)

Institution	Appropriated Facilities	Non-Appropriated Facilities	Total Deficiency
N.C. State	$156,556,431	$24,146,057	$180,702,488
UNC-Chapel Hill	$171,026,729	$54,987,525	$226,014,254
East Carolina	$82,468,378	$26,235,752	$108,704,130
UNC-Greensboro	$104,959,746	$38,792,829	$143,752,575
Appalachian State	$42,461,355	$19,002,064	$61,463,419
Fayetteville State	$5,607,078	$3,843,173	$9,450,251
N.C. A&T State	$23,843,608	$27,341,305	$51,184,913
N.C. Central	$18,874,415	$15,533,362	$34,407,777
UNC-Charlotte	$33,026,658	$8,387,645	$41,414,303
UNC-Pembroke	$8,912,906	$3,022,809	$11,935,715
UNC-Wilmington	$11,944,804	$3,485,657	$15,430,461
Western Carolina	$19,221,912	$8,063,942	$27,285,854
Elizabeth City	$9,239,997	$10,636,951	$19,876,948
UNC-Asheville	$11,326,978	$2,585,553	$13,912,531
Winston-Salem State	$9,569,017	$2,859,610	$12,428,627
N.C. School of the Arts	$2,549,794	$1,012,274	$3,562,068
UNCCH-Health Affairs	$65,983,528	$0	$65,983,528
ECU-Health Affairs	$12,707,500	$308,951	$13,016,451
NCSU Vet School	$10,908,788	$0	$10,908,788
UNC TOTAL	**$801,189,622**	**$250,245,459**	**$1,051,435,081**

TABLE 23:

ESTIMATED COST TO RENOVATE OR REPLACE UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities was estimated in 1989 at over $60 billion.* That figure is generally considered to be significantly higher today.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

Condition	Cost Midpoint
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in Remodeling A condition has an estimated replacement value of $1,000,000, the cost to bring it to satisfactory condition would be estimated to be $200,000.

Current year dollar figures for total campus original building cost, estimated replacement cost, and renovation/replacement needs are presented in the table. The Facilities Condition Assessment Program (FCAP), conducted by the State Construction Office, a division of the North Carolina Department of Administration, provides more precise dollar deficiency figures for campus buildings over 3,000 GSF (see pages 122 and 126).

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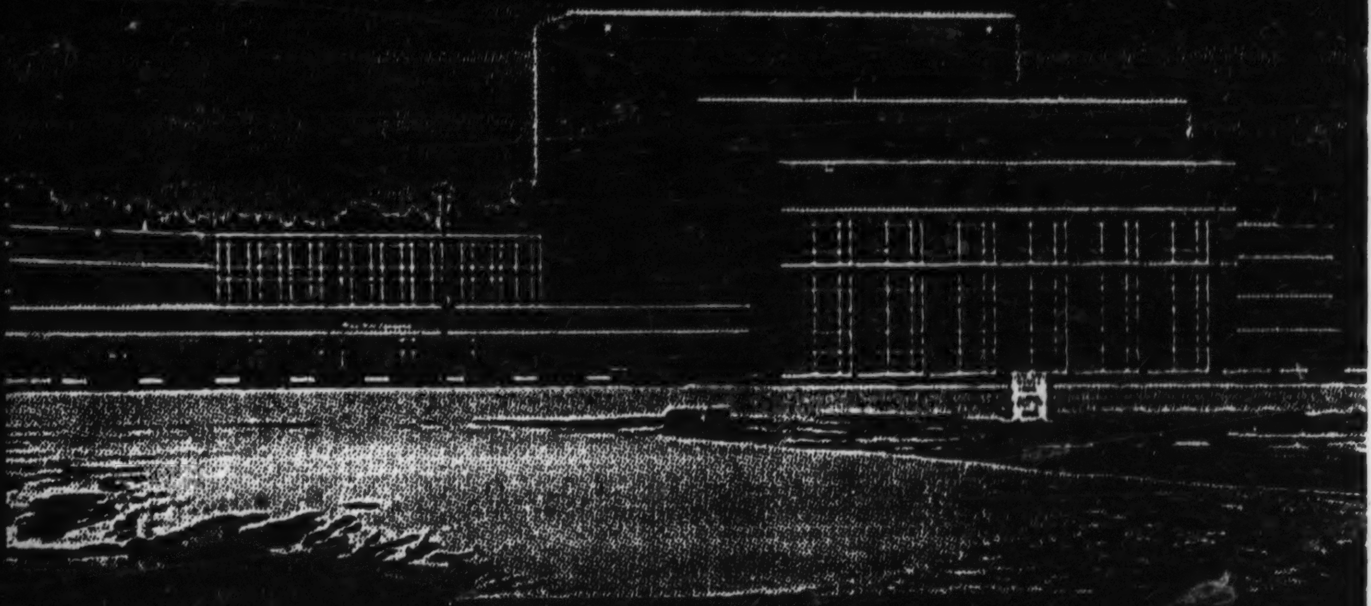
*Association of Physical Plant Administrators of Universities and Colleges. The Decaying American Campus: A Ticking Time Bomb, 1989.

Table 23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Institution	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
	Public Institutions		
Research Universities I			
NC State	$350,493,597	$1,390,411,077	$312,035,170
NCSU Veterinary School	$24,874,167	$69,445,841	$14,115,380
UNC-Chapel Hill	$425,230,925	$1,229,740,408	$158,389,916
UNC-CH Health Affairs	$261,295,231	$596,920,759	$41,581,846
Subtotal	**$1,061,893,920**	**$3,286,518,085**	**$526,122,312**
Doctoral Universities I and II			
East Carolina	$146,570,060	$514,377,872	$202,344,623
ECU-Health Affairs	$66,111,892	$155,554,469	$37,065,120
UNC-Greensboro	$131,137,649	$317,522,095	$87,436,182
Subtotal	**$343,819,601**	**$987,454,436**	**$326,845,925**
Master's (Comprehensive) Universities and Colleges I			
Appalachian	$148,712,850	$385,318,301	$13,577,811
Fayetteville	$46,130,886	$98,845,246	$3,231,444
NC A&T	$80,979,077	$374,990,225	$198,853,858
NC Central	$83,521,523	$204,723,281	$38,639,343
UNC-Charlotte	$209,975,463	$441,403,548	$6,418,177
UNC-Pembroke	$39,437,553	$81,063,552	$5,268,080
UNC-Wilmington	$119,058,925	$198,488,683	$63,119
Western Carolina	$65,937,198	$206,928,092	$32,489,639
Subtotal	**$793,753,475**	**$1,991,760,928**	**$298,541,471**
Baccalaureate (Liberal Arts) Universities and Colleges I and II			
Elizabeth City	$41,651,506	$90,564,293	$10,207,430
UNC-Asheville	$59,555,232	$92,912,280	$25,948,025
Winston-Salem	$49,776,897	$98,781,151	$21,579,168
Subtotal	**$150,983,635**	**$282,257,724**	**$57,734,623**
Schools of Art, Music, and Design			
NC School of the Arts	$33,042,202	$77,791,314	$1,201,620
Teaching Hospitals			
UNC Hosp. at Chapel Hill	$102,091,683	$211,050,716	-
Community Colleges			
Alamance	$14,337,403	$27,999,962	$412,679
Asheville-Buncombe	$29,861,533	$50,209,753	$593,451
Beaufort Co.	$8,083,595	$14,146,018	-
Bladen	$4,532,290	$10,094,548	$260,333
Blue Ridge	$17,465,474	$25,907,494	-
Brunswick	$17,799,237	$22,672,846	$820,519
Caldwell	$24,056,946	$38,276,062	$50,551
Cape Fear	$24,187,677	$46,445,756	$367,849
Carteret	$6,631,372	$17,810,049	$4,281,758
Catawba Valley	$17,580,388	$35,515,405	-
Central Carolina	$16,275,158	$33,576,609	$993,545
Central Piedmont	$73,119,792	$146,821,194	$14,630,787
Cleveland	$12,831,801	$20,482,330	-
Coastal Carolina	$15,747,357	$27,338,696	-
College of the Albemarle	$13,375,640	$24,250,260	$355,585
Craven	$10,338,391	$17,518,153	-
Davidson Co.	$16,236,453	$29,647,712	-
Durham	$16,540,909	$31,282,488	$4,217,339
Edgecombe	$6,768,200	$12,817,278	-

Table 23. Estimated Cost to Renovate or Replace Unsatisfactory Facilities

Institution	Original Building Cost	Estimated Replacement Cost	Estimated Cost of Restoring Facilities to Satisfactory Condition
Fayetteville	$28,095,981	$51,564,704	$202,559
Forsyth	$23,915,943	$46,760,978	$1,348,509
Gaston College	$22,273,741	$45,740,969	-
Guilford	$41,259,959	$78,111,223	-
Halifax	$8,114,204	$12,773,089	-
Haywood	$12,300,704	$21,751,012	$778,313
Isothermal	$21,365,462	$30,698,370	-
James Sprunt	$6,391,461	$12,298,805	$157,816
Johnston	$13,597,116	$21,756,989	-
Lenoir	$15,227,595	$27,571,668	-
Martin	$4,891,455	$12,417,516	-
Mayland	$7,630,394	$12,646,348	$144,566
McDowell	$6,081,814	$11,466,352	-
Mitchell	$4,724,528	$19,320,645	$8,713,344
Montgomery	$7,921,126	$10,825,944	-
Nash	$13,862,762	$18,434,416	$52,394
Pamlico	$2,702,463	$5,638,599	-
Piedmont	$7,756,394	$13,206,387	-
Pitt	$19,989,474	$30,695,305	$171,639
Randolph	$12,010,185	$21,931,387	-
Richmond	$4,984,574	$13,289,808	-
Roanoke-Chowan	$5,165,869	$11,156,610	-
Robeson	$9,331,650	$17,964,659	-
Rockingham	$12,296,785	$26,070,965	-
Rowan-Cabarrus	$14,418,060	$26,740,683	$1,411,513
Sampson	$9,407,475	$13,738,891	$4,064
Sandhills	$15,923,618	$29,336,417	$1,117,648
South Piedmont	$5,301,770	$15,184,801	$850,644
Southeastern	$7,121,797	$16,118,088	-
Southwestern	$11,791,698	$19,537,484	-
Stanly	$7,033,642	$14,874,919	-
Surry	$10,944,149	$20,326,373	-
Tri-County	$5,755,653	$11,382,636	$683,596
Vance-Granville	$9,787,958	$25,987,368	-
Wake	$25,546,913	$44,821,698	-
Wayne	$26,035,601	$33,316,333	$395,051
Western Piedmont	$12,341,581	$23,251,392	$280,988
Wilkes	$13,209,632	$26,309,983	-
Wilson	$5,850,942	$16,136,532	-
Subtotal	**$838,131,744**	**$1,543,918,959**	**$43,297,040**
	Private Institutions		
Major Research Universities			
Subtotal	**$983,994,784**	**$3,081,803,519**	**$9,596,968**
General Baccalaureate Colleges			
Subtotal	**$643,340,564**	**$1,748,242,024**	**$48,310,654**
Junior Colleges			
Subtotal	**$10,242,789**	**$38,735,573**	**$216,581**
Grand Total	**$4,961,294,397**	**$13,249,583,278**	**$1,311,867,194**



Fine Arts Complex, Elizabeth City State University

Elizabeth City State University's new Fine Arts Complex is a three-story, [illegible] square foot building with classrooms, labs, offices, studios, outdoor amphitheatre, and a 1,000-seat auditorium. It houses the Music and Art Departments and with its two elevators, has provisions for, and is accessible to the handicapped.

A unique feature of this $10.6 million complex is the art work which was an integral part of its construction. It is the first campus building to have such adornment. There are [illegible] panels of [illegible] steel suspended between the columns of the arcade which connect the building to the amphitheatre.

Accessibility of Facilities to the Mobility Impaired

Accessible Area as a Percentage of Assignable .... [illegible]
Accessible Area by Programs and Subprograms .... [illegible]
Accessible Area by Room Code 141

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TABLE 24:

ACCESSIBLE AREA AS A PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act stated that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance." The more recent 1990 Americans with Disabilities Act (ADA) reinforced this guideline while providing a very comprehensive set of regulations and definitions for addressing the special needs of people with a broad range of disabilities.

One of the groups protected by both pieces of legislation is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although neither of the Congressional Acts requires that colleges and universities make all of their facilities barrier-free, they do require that an institution's programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of the earlier Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of the original legislation. The survey also found, however, that this percentage varied greatly among different institutions. Since the 1978 study, total campus accessibility for institutions throughout the country has improved dramatically.

The definition of building space accessibility was broadened in the 1992 NCES Postsecondary Education Facilities Inventory and Classification Manual (and incorporated in the 1993 edition of the N.C. Manual) to include *approach to* a building in addition to access from a point immediately outside the building. Thus a building's *site* must also be accessible; i.e., there are no barriers to approach, such as lack of curb breaks or steps to a building's entrance. These criteria apply to a mobility impaired person (i.e., confined to a wheelchair or other support device such as a walker) who is attempting to approach and enter a building and its internal space without assistance.

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2000	1999	1998	1997	1996
		Public Institutions					
Research Universities I							
NC State	6,535,317	3,505,763	53.6	53.1	53.1	57.7	58.9
NCSU Veterinary School	277,280	205,281	74.0	74.0	74.4	80.7	80.1
UNC-Chapel Hill	5,208,753	3,559,497	68.3	67.4	67.1	39.6	63.8
UNC-CH Health Affairs	1,714,107	1,183,594	69.1	67.9	66.7	64.8	95.3
Subtotal	**13,735,457**	**8,454,135**	**61.5**	**60.8**	**60.5**	**52.1**	**65.8**
Doctoral Universities I and II							
East Carolina	2,519,584	1,860,290	73.8	74.5	74.2	71.9	72.4
ECU-Health Affairs	628,101	587,598	93.6	93.6	94.3	93.9	94.0
UNC-Greensboro	2,051,590	1,407,419	68.6	70.8	69.5	66.9	67.3
Subtotal	**5,199,275**	**3,855,307**	**74.2**	**75.4**	**74.7**	-	-
Master's (Comprehensive) Universities and Colleges I							
Appalachian	2,169,315	1,672,203	77.1	75.8	66.8	63.7	63.8
Fayetteville	693,793	383,974	55.3	55.3	55.5	55.5	56.8
NC A&T	1,632,080	1,322,275	81.0	80.3	78.7	78.6	78.6
NC Central	1,278,691	992,085	77.6	78.3	76.3	73.3	72.9
UNC-Charlotte	2,094,043	1,870,792	89.3	87.8	88.3	88.1	87.1
UNC-Pembroke	563,578	393,947	69.9	74.3	74.2	74.6	72.2
UNC-Wilmington	1,232,905	1,098,739	89.1	89.3	69.0	62.5	61.3
Western Carolina	1,591,683	1,108,639	69.7	69.6	69.6	70.3	70.5
Subtotal	**11,256,088**	**8,842,654**	**78.6**	**78.0**	**73.7**	**73.1**	**72.7**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	617,689	461,483	74.7	73.3	73.1	73.1	73.1
UNC-Asheville	611,247	545,316	89.2	88.5	87.8	87.8	86.0
Winston-Salem	687,732	484,562	70.5	70.5	70.5	70.5	68.3
Subtotal	**1,916,668**	**1,491,361**	**77.8**	**77.2**	**76.8**	**76.8**	**75.0**
Schools of Art, Music, and Design							
NC School of the Arts	485,594	371,856	76.6	76.6	75.1	75.3	70.5
Teaching Hospitals							
UNC Hosp. at Chapel Hill	862,733	862,733	100.0	100.0	99.6	99.6	99.4
Community Colleges							
Alamance	177,779	174,832	98.3	98.3	98.3	98.3	98.4
Asheville-Buncombe	363,934	344,697	94.7	92.1	94.2	94.2	93.4
Beaufort Co.	131,083	126,564	96.6	96.6	97.1	97.1	97.2
Bladen	100,838	97,807	97.0	97.0	97.0	96.9	96.3
Blue Ridge	226,531	226,531	100.0	99.7	99.7	99.7	99.5
Brunswick	163,569	154,217	94.3	94.3	93.9	91.9	91.9
Caldwell	263,125	246,506	93.7	93.5	93.6	90.8	90.6
Cape Fear	311,057	307,195	98.8	97.7	96.8	96.2	97.9
Carteret	125,259	115,848	92.5	91.8	89.9	89.8	86.2
Catawba Valley	282,985	282,985	100.0	100.0	96.9	96.2	96.2
Central Carolina	260,544	256,504	98.4	98.4	98.2	98.2	98.1
Central Piedmont	778,433	758,967	97.5	97.0	96.6	96.1	96.0
Cleveland	161,880	159,234	98.4	98.1	98.1	98.1	98.1
Coastal Carolina	196,289	195,325	99.5	99.5	99.5	100.0	100.0
College of the Albemarle	156,444	156,344	99.9	99.9	99.9	99.9	99.9
Craven	140,324	139,666	99.5	99.6	99.6	99.6	99.6
Davidson Co.	230,489	221,723	96.2	97.0	97.1	97.1	98.0
Durham	237,342	220,445	92.9	92.9	93.1	99.4	99.4
Edgecombe	115,196	107,287	93.1	93.1	84.8	84.8	84.9

Table 24. Accessible Area as a Percentage of Assignable Area

Institution	Total Assignable Sq. Ft.	Accessible Sq. Ft.	Percent Accessible				
			2000	**1999**	**1998**	**1997**	**1996**
Fayetteville	467,950	434,584	92.9	92.7	94.2	93.6	92.8
Forsyth	378,710	373,141	98.5	98.6	98.6	98.5	98.5
Gaston College	314,764	285,494	90.7	90.0	88.4	88.0	88.6
Guilford	592,809	550,062	92.8	92.8	91.5	91.3	91.0
Halifax	134,086	133,870	99.8	99.8	99.0	99.4	99.4
Haywood	220,304	203,406	92.3	92.0	92.0	91.8	91.5
Isothermal	199,892	182,373	91.2	89.2	89.2	89.2	89.2
James Sprunt	106,115	98,356	92.7	92.7	94.0	92.8	92.8
Johnston	192,698	186,391	96.7	96.7	96.8	99.0	99.0
Lenoir	250,959	241,270	96.1	96.0	95.9	95.4	96.7
Martin	171,199	143,292	83.7	83.8	83.7	77.3	76.7
Mayland	96,867	92,955	96.0	96.0	95.5	97.8	99.1
McDowell	85,160	82,423	96.8	96.8	96.8	96.8	96.2
Mitchell	186,151	147,017	79.0	79.0	77.6	78.6	79.3
Montgomery	82,792	80,932	97.8	97.2	98.0	93.9	93.9
Nash	139,643	138,215	99.0	98.8	98.8	98.8	98.8
Pamlico	34,037	32,808	96.4	96.4	95.7	95.7	95.7
Piedmont	109,105	107,237	98.3	98.3	98.3	98.2	98.1
Pitt	207,672	202,299	97.4	97.1	96.5	95.3	94.9
Randolph	192,714	192,481	99.9	99.9	99.9	99.9	100.0
Richmond	112,109	104,408	93.1	93.1	93.1	93.1	93.1
Roanoke-Chowan	99,803	96,135	96.3	96.3	96.3	96.3	96.3
Robeson	152,266	148,962	97.8	97.8	97.6	97.6	97.6
Rockingham	222,072	205,428	92.5	92.5	92.5	92.5	94.0
Rowan-Cabarrus	239,114	239,114	100.0	100.0	100.0	100.0	100.0
Sampson	113,482	111,822	98.5	98.5	98.5	98.1	98.1
Sandhills	231,054	221,448	95.8	95.8	95.7	93.4	93.5
South Piedmont	124,585	119,185	95.7	93.1	92.1	87.2	87.2
Southeastern	144,423	135,254	93.7	93.7	93.2	92.8	92.8
Southwestern	164,152	157,673	96.1	96.1	96.1	96.1	95.7
Stanly	100,027	99,555	99.5	99.5	99.6	99.5	99.5
Surry	180,248	171,296	95.0	95.0	95.0	94.8	94.8
Tri-County	101,225	98,406	97.2	97.2	96.9	96.6	96.6
Vance-Granville	177,582	170,905	96.2	96.3	96.1	95.7	95.7
Wake	363,127	329,563	90.8	90.8	94.4	94.4	93.3
Wayne	214,270	214,152	99.9	99.9	99.9	99.9	99.9
Western Piedmont	164,003	158,084	96.4	96.4	96.8	96.7	96.1
Wilkes	243,131	236,473	97.3	97.3	97.7	97.3	97.3
Wilson	130,900	128,832	98.4	98.4	98.6	98.6	98.5
Subtotal	**11,864,301**	**11,347,978**	**95.6**	**95.4**	**95.3**	**95.0**	**94.9**
		Private Institutions					
Major Research Universities							
Subtotal	**9,811,522**	**7,427,226**	**75.7**	**75.5**	**75.5**	**74.5**	**72.7**
General Baccalaureate Colleges							
Subtotal	**13,224,746**	**6,868,419**	**51.9**	**49.9**	**49.5**	**46.9**	**46.6**
Junior Colleges							
Subtotal	**292,723**	**111,694**	**38.2**	**38.2**	**38.2**	**37.9**	**45.8**
Grand Total	**68,649,107**	**49,633,363**	**72.3**	**71.6**	**70.6**	**67.5**	**69.6**

TABLE 25:

ACCESSIBLE AREA BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has *assignable* space under the program and subprogram but that none of it is *accessible*. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible area is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Table 25. Accessible Area by Summary Programs

Institution	Accessible Sq. Ft.	In-struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un-assigned 00
				Public Institutions						
Research Universities I										
NC State	3,505,763	73.0	60.7	43.9	86.2	25.6	48.7	38.5	51.4	71.7
NCSU Veterinary School	205,281	62.4	67.7	92.7	91.5	98.2	74.0	66.7	-	100.0
UNC-Chapel Hill	3,559,497	85.5	91.8	78.7	82.4	45.3	73.0	83.8	93.1	74.6
UNC-CH Health Affairs	1,183,594	70.2	67.4	73.3	60.6	98.8	70.3	55.7	90.2	61.5
Subtotal	**8,454,135**	**77.0**	**64.6**	**62.7**	**79.0**	**36.5**	**61.5**	**66.8**	**77.8**	**71.1**
Doctoral Universities I and II										
East Carolina	1,860,290	88.9	73.9	90.9	99.2	62.3	69.5	68.7	100.0	0.0
ECU-Health Affairs	587,598	98.0	94.3	99.2	99.9	100.0	74.8	37.0	-	100.0
UNC-Greensboro	1,407,419	89.0	93.5	99.3	86.0	52.2	83.1	54.8	-	11.7
Subtotal	**3,855,307**	**89.7**	**91.1**	**98.5**	**93.2**	**58.0**	**75.9**	**57.8**	**100.0**	**8.4**
Master's (Comprehensive) Universities and Colleges I										
Appalachian	1,672,203	85.6	96.7	98.9	95.5	65.2	92.3	98.7	100.0	89.0
Fayetteville	383,974	79.9	100.0	100.0	84.2	21.9	71.2	26.1	-	-
NC A&T	1,322,275	91.5	85.5	74.9	88.7	63.2	88.5	81.2	100.0	100.0
NC Central	992,085	86.9	77.4	100.0	94.3	85.0	68.9	65.2	100.0	12.6
UNC-Charlotte	1,870,792	99.1	100.0	-	99.9	80.3	100.0	100.0	-	100.0
UNC-Pembroke	393,947	94.9	-	100.0	99.6	39.0	91.7	99.6	-	6.5
UNC-Wilmington	1,098,739	96.8	83.1	67.7	100.0	81.7	89.7	97.9	100.0	39.7
Western Carolina	1,108,639	85.2	97.4	100.0	95.2	54.6	58.2	59.9	69.0	95.0
Subtotal	**8,842,654**	**90.3**	**90.8**	**88.5**	**94.4**	**67.0**	**81.4**	**82.5**	**79.7**	**49.1**
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	461,483	92.3	100.0	100.0	97.7	57.9	70.2	100.0	-	16.9
UNC-Asheville	545,316	94.3	100.0	100.0	100.0	82.3	66.0	98.7	99.0	64.6
Winston-Salem	484,562	64.2	38.5	100.0	90.9	73.2	54.4	90.5	100.0	53.6
Subtotal	**1,491,361**	**84.5**	**81.9**	**100.0**	**95.9**	**70.9**	**62.7**	**96.1**	**99.3**	**46.3**
Schools of Art, Music, and Design										
NC School of the Arts	371,856	94.8	-	100.0	93.8	36.1	46.7	99.1	100.0	99.5
Teaching Hospitals										
UNC Hosp. at Chapel Hill	862,733	100.0	100.0	100.0	-	-	100.0	100.0	-	100.0
Community Colleges										
Alamance	174,832	99.7	-	100.0	88.1	100.0	95.3	100.0	-	100.0
Asheville-Buncombe	344,697	97.4	-	100.0	98.1	100.0	72.2	100.0	100.0	4.3
Beaufort Co.	126,564	97.3	-	100.0	100.0	99.2	90.2	90.4	-	100.0
Bladen	97,807	95.5	-	100.0	98.6	96.4	99.8	100.0	100.0	100.0
Blue Ridge	226,531	100.0	-	-	100.0	100.0	100.0	100.0	100.0	100.0
Brunswick	154,217	96.7	-	100.0	100.0	98.4	97.6	100.0	81.8	100.0
Caldwell	246,506	97.9	-	100.0	100.0	95.4	96.3	11.9	100.0	100.0
Cape Fear	307,195	98.8	-	100.0	100.0	97.0	98.8	100.0	-	100.0
Carteret	115,848	93.8	-	-	71.4	88.1	98.7	100.0	100.0	100.0
Catawba Valley	282,985	100.0	-	-	100.0	100.0	100.0	-	100.0	-
Central Carolina	256,504	98.8	-	100.0	98.5	100.0	99.7	36.8	100.0	0.0
Central Piedmont	758,967	99.0	-	100.0	97.3	95.1	91.4	90.7	-	97.0
Cleveland	159,234	98.8	-	100.0	100.0	100.0	89.5	100.0	100.0	89.7
Coastal Carolina	195,325	100.0	-	100.0	100.0	100.0	92.6	100.0	-	100.0
College of the Albemarle	156,344	99.9	-	100.0	100.0	100.0	100.0	100.0	-	100.0
Craven	139,666	99.5	-	100.0	99.1	100.0	100.0	-	-	-
Davidson Co.	221,723	98.9	-	41.6	93.7	99.0	99.9	100.0	95.7	-
Durham	220,445	99.6	-	-	100.0	100.0	98.9	11.6	100.0	100.0
Edgecombe	107,287	89.5	-	-	97.9	100.0	100.0	100.0	-	-

Table 25. *Accessible Area by Summary Programs*

Institution	Accessible Sq. Ft.	In-struction 10	Research 20	Public Service 30	Academic Support 40	Student Services 50	Inst. Admin. 60	Physical Plant 70	Indep. Opns. 90	Un-assigned 00
Fayetteville	434,584	94.1	-	100.0	97.1	97.8	80.6	65.8	-	89.4
Forsyth	373,141	98.2	-	100.0	98.7	98.8	100.0	100.0	-	100.0
Gaston College	285,494	89.9	-	100.0	95.0	95.1	86.6	73.9	-	-
Guilford	550,062	95.1	-	86.2	92.1	96.6	97.6	24.5	49.8	89.3
Halifax	133,870	100.0	-	100.0	100.0	100.0	99.0	98.4	-	100.0
Haywood	203,406	88.7	-	100.0	100.0	100.0	100.0	100.0	100.0	-
Isothermal	182,373	94.0	-	100.0	33.0	100.0	99.2	88.1	-	100.0
James Sprunt	98,356	91.2	-	100.0	100.0	95.3	99.0	65.3	100.0	-
Johnston	186,391	99.7	-	52.7	100.0	99.5	89.5	78.5	100.0	-
Lenoir	241,270	96.9	-	100.0	95.8	100.0	83.6	100.0	100.0	100.0
Martin	143,292	92.6	-	100.0	96.1	79.3	97.3	100.0	-	7.1
Mayland	92,955	99.9	-	15.0	100.0	100.0	87.8	9.5	100.0	100.0
McDowell	82,423	97.0	-	-	100.0	98.7	89.9	100.0	100.0	-
Mitchell	147,017	90.5	-	-	95.6	58.3	44.8	74.1	100.0	30.3
Montgomery	80,932	97.4	-	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Nash	138,215	99.7	-	100.0	100.0	99.7	91.3	100.0	100.0	100.0
Pamlico	32,808	99.9	-	100.0	100.0	100.0	98.4	0.0	100.0	-
Piedmont	107,237	97.5	-	98.8	100.0	100.0	99.4	100.0	100.0	100.0
Pitt	202,299	99.3	-	100.0	95.7	92.1	92.8	100.0	-	-
Randolph	192,481	99.9	-	100.0	100.0	99.8	100.0	100.0	100.0	100.0
Richmond	104,408	93.4	-	100.0	95.1	89.7	100.0	24.9	-	100.0
Roanoke-Chowan	96,135	100.0	-	100.0	100.0	100.0	99.5	100.0	100.0	0.0
Robeson	148,962	100.0	-	100.0	100.0	87.9	99.8	100.0	-	-
Rockingham	205,428	89.4	-	98.0	99.3	99.1	99.9	100.0	100.0	-
Rowan-Cabarrus	239,114	100.0	-	100.0	100.0	100.0	100.0	100.0	-	100.0
Sampson	111,822	98.4	-	100.0	100.0	100.0	99.6	100.0	100.0	80.9
Sandhills	221,448	99.0	-	-	99.8	98.6	68.5	65.3	-	-
South Piedmont	119,185	96.1	-	80.9	87.6	88.9	95.7	100.0	100.0	100.0
Southeastern	135,254	92.0	-	100.0	99.4	93.5	99.4	100.0	-	-
Southwestern	157,673	96.7	-	100.0	100.0	100.0	98.3	0.0	100.0	100.0
Stanly	99,555	100.0	-	100.0	98.3	100.0	97.1	-	-	100.0
Surry	171,296	93.8	-	-	100.0	97.4	98.0	100.0	42.3	-
Tri-County	98,406	99.1	-	-	89.5	100.0	92.7	-	100.0	-
Vance-Granville	170,905	98.8	-	100.0	89.2	100.0	80.4	100.0	0.0	0.0
Wake	329,563	95.0	-	-	100.0	99.7	54.6	62.6	-	97.4
Wayne	214,152	100.0	-	100.0	100.0	99.4	100.0	100.0	-	-
Western Piedmont	158,084	99.6	-	100.0	100.0	99.6	95.3	6.9	-	-
Wilkes	236,473	97.3	-	0.0	100.0	94.4	99.7	100.0	96.9	100.0
Wilson	128,832	100.0	-	100.0	96.2	100.0	85.1	100.0	-	-
Subtotal	**11,347,978**	**97.0**	**-**	**93.6**	**96.9**	**95.8**	**91.2**	**76.3**	**92.7**	**85.0**
					Private Institutions					
Major Research Universities										
Subtotal	**7,427,226**	**90.5**	**88.3**	**94.9**	**94.4**	**39.4**	**71.8**	**51.2**	**69.9**	**89.7**
General Baccalaureate Colleges										
Subtotal	**6,868,419**	**73.0**	**68.3**	**58.3**	**84.5**	**40.9**	**31.9**	**50.3**	**25.8**	**24.8**
Junior Colleges										
Subtotal	**111,694**	**61.5**	**-**	**0.0**	**90.4**	**31.0**	**36.8**	**67.9**	**-**	**0.0**
Grand Total	**49,633,363**	**87.9**	**73.7**	**90.0**	**89.3**	**51.5**	**65.6**	**65.1**	**76.9**	**56.2**

Table 25a. Accessible Area by Instruction, Research, and Public Service Subprograms

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
				Public Institutions				
Research Universities I								
NC State	73.4	-	-	12.7	100.0	-	-	-
NCSU Veterinary School	62.4	-	-	-	-	-	-	-
UNC-Chapel Hill	85.6	-	0.9	98.3	93.7	-	-	-
UNC-CH Health Affairs	69.9	-	-	53.3	100.0	-	-	-
Subtotal	**77.0**	-	**0.9**	**61.6**	**94.7**	-	-	-
Doctoral Universities I and II								
East Carolina	88.9	-	100.0	-	-	-	-	-
ECU-Health Affairs	98.0	-	-	-	-	-	-	-
UNC-Greensboro	90.0	-	29.4	-	38.3	-	-	-
Subtotal	**90.0**	-	**37.0**	-	**38.3**	-	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	84.3	-	-	100.0	-	-	-	-
Fayetteville	79.6	-	-	100.0	-	-	-	-
NC A&T	91.5	-	-	-	-	-	-	-
NC Central	86.9	-	100.0	-	-	-	-	-
UNC-Charlotte	99.1	-	-	-	-	-	-	-
UNC-Pembroke	94.9	-	100.0	-	-	-	-	-
UNC-Wilmington	96.7	-	100.0	100.0	100.0	-	-	-
Western Carolina	84.8	-	100.0	100.0	100.0	100.0	-	100.0
Subtotal	**90.1**	-	**100.0**	**100.0**	**100.0**	**100.0**	-	**100.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	92.2	-	100.0	-	-	-	-	-
UNC-Asheville	94.3	-	-	-	-	-	-	-
Winston-Salem	63.8	-	100.0	-	-	-	-	-
Subtotal	**84.3**	-	**100.0**	-	-	-	-	-
Schools of Art, Music, and Design								
NC School of the Arts	94.8	-	-	-	-	-	-	-
Teaching Hospitals								
UNC Hosp. at Chapel Hill	100.0	-	-	100.0	-	-	-	-
Community Colleges								
Alamance	100.0	99.6	100.0	100.0	100.0	-	-	-
Asheville-Buncombe	100.0	98.2	-	70.6	94.9	-	-	100.0
Beaufort Co.	-	97.4	-	84.1	100.0	-	-	-
Bladen	100.0	96.0	-	-	18.3	-	-	-
Blue Ridge	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Brunswick	100.0	98.0	100.0	86.6	100.0	-	-	100.0
Caldwell	95.2	98.0	100.0	100.0	100.0	-	-	-
Cape Fear	100.0	98.4	-	100.0	100.0	-	-	-
Carteret	100.0	93.0	100.0	94.2	100.0	-	-	100.0
Catawba Valley	100.0	100.0	100.0	100.0	100.0	-	-	100.0
Central Carolina	100.0	98.3	100.0	100.0	100.0	-	-	100.0
Central Piedmont	96.7	99.9	100.0	100.0	98.3	100.0	-	-
Cleveland	100.0	98.4	100.0	100.0	100.0	-	100.0	-
Coastal Carolina	100.0	100.0	100.0	100.0	100.0	-	-	-
College of the Albemarle	100.0	99.8	100.0	100.0	-	-	-	-
Craven	100.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0
Davidson Co.	100.0	99.8	100.0	100.0	87.5	-	100.0	-
Durham	47.6	99.9	-	100.0	100.0	-	-	-
Edgecombe	100.0	88.0	-	100.0	98.0	-	-	-

Table 25a. Accessible Area by Instruction, Research, and Public Service Subprograms

Institution	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
			Public Institutions				
Research Universities I							
NC State	33.0	67.8	-	-	48.5	40.1	52.4
NCSU Veterinary School	-	67.7	90.2	94.8	-	-	-
UNC-Chapel Hill	92.1	91.8	-	100.0	81.9	42.2	58.7
UNC-CH Health Affairs	69.9	67.1	84.2	68.5	63.2	68.0	-
Subtotal	**38.3**	**70.0**	**85.9**	**73.8**	**62.0**	**41.9**	**56.9**
Doctoral Universities I and II							
East Carolina	0.0	84.1	-	0.0	91.5	-	88.4
ECU-Health Affairs	-	94.3	99.8	98.8	100.0	-	-
UNC-Greensboro	71.1	96.7	-	-	99.3	-	-
Subtotal	**46.0**	**93.5**	**99.8**	**98.7**	**95.0**	**-**	**88.4**
Master's (Comprehensive) Universities and Colleges I							
Appalachian	-	96.7	-	-	98.9	-	-
Fayetteville	-	100.0	-	-	100.0	-	100.0
NC A&T	100.0	77.6	-	-	98.2	66.5	100.0
NC Central	98.9	27.9	-	-	100.0	-	100.0
UNC-Charlotte	100.0	100.0	-	-	-	-	-
UNC-Pembroke	-	-	-	-	100.0	-	100.0
UNC-Wilmington	83.1	-	-	-	67.7	-	-
Western Carolina	-	97.4	-	-	100.0	-	100.0
Subtotal	**98.6**	**87.9**	**-**	**-**	**97.5**	**66.5**	**100.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II							
Elizabeth City	-	100.0	-	-	100.0	-	100.0
UNC-Asheville	100.0	100.0	-	-	100.0	-	-
Winston-Salem	-	38.5	-	-	100.0	-	100.0
Subtotal	**100.0**	**80.3**	**-**	**-**	**100.0**	**-**	**100.0**
Schools of Art, Music, and Design							
NC School of the Arts	-	-	-	-	100.0	-	-
Teaching Hospitals							
UNC Hosp. at Chapel Hill	-	100.0	100.0	100.0	-	-	-
Community Colleges							
Alamance	-	-	-	-	100.0	-	-
Asheville-Buncombe	-	-	-	-	100.0	-	-
Beaufort Co.	-	-	-	-	100.0	-	-
Bladen	-	-	-	-	100.0	-	-
Blue Ridge	-	-	-	-	-	-	-
Brunswick	-	-	-	-	100.0	-	-
Caldwell	-	-	-	-	100.0	-	-
Cape Fear	-	-	-	-	100.0	-	-
Carteret	-	-	-	-	-	-	-
Catawba Valley	-	-	-	-	-	-	-
Central Carolina	-	-	-	-	100.0	-	-
Central Piedmont	-	-	-	-	100.0	-	-
Cleveland	-	-	-	-	100.0	-	-
Coastal Carolina	-	-	-	-	100.0	-	-
College of the Albemarle	-	-	-	-	100.0	-	-
Craven	-	-	-	-	100.0	-	100.0
Davidson Co.	-	-	-	-	41.6	-	-
Durham	-	-	-	-	-	-	-
Edgecombe	-	-	-	-	-	-	-

Table 25a. Accessible Area by Instruction, Research, and Public Service Subprograms

Institution	General Academic Instruction 11	Vocational Technical Instruction 12	Preparatory Remedial Instruction 13	General Studies 14	Occupational Related Instruction 15	Social Roles Instruction 16	Home & Family Life 17	Personal Leisure Instruction 18
Fayetteville	-	95.6	-	100.0	76.5	-	100.0	100.0
Forsyth	100.0	97.3	100.0	100.0	100.0	-	100.0	100.0
Gaston College	99.4	97.0	100.0	100.0	4.7	-	-	-
Guilford	100.0	98.8	98.1	59.8	94.2	-	-	50.6
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	-
Haywood	-	88.1	100.0	100.0	60.2	-	100.0	100.0
Isothermal	93.5	95.7	100.0	91.4	100.0	-	-	49.8
James Sprunt	100.0	91.6	100.0	80.3	100.0	-	-	-
Johnston	-	99.7	100.0	-	-	-	-	-
Lenoir	98.6	93.5	100.0	100.0	100.0	-	100.0	100.0
Martin	100.0	90.1	100.0	100.0	87.9	-	-	100.0
Mayland	100.0	99.9	100.0	100.0	100.0	-	-	-
McDowell	100.0	96.4	100.0	100.0	100.0	-	-	-
Mitchell	85.3	91.9	-	97.4	100.0	-	-	56.4
Montgomery	100.0	97.2	-	100.0	100.0	-	-	-
Nash	100.0	99.8	-	100.0	99.0	100.0	-	100.0
Pamlico	100.0	99.8	-	100.0	100.0	-	-	-
Piedmont	61.7	99.2	100.0	98.7	100.0	-	-	-
Pitt	99.1	100.0	43.6	100.0	100.0	-	-	-
Randolph	-	99.8	100.0	100.0	100.0	-	-	-
Richmond	-	92.0	100.0	100.0	100.0	100.0	-	-
Roanoke-Chowan	-	100.0	100.0	100.0	100.0	100.0	-	100.0
Robeson	100.0	100.0	-	100.0	100.0	-	-	-
Rockingham	87.1	94.1	-	100.0	66.7	-	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	-	-	-
Sampson	-	98.1	100.0	100.0	100.0	-	100.0	100.0
Sandhills	99.7	98.0	100.0	100.0	100.0	-	-	-
South Piedmont	100.0	99.2	99.2	66.5	95.8	-	-	-
Southeastern	86.7	94.4	75.8	76.2	100.0	-	-	-
Southwestern	100.0	100.0	100.0	100.0	81.0	-	-	100.0
Stanly	-	100.0	100.0	100.0	100.0	-	-	-
Surry	91.7	97.8	100.0	100.0	81.2	-	-	-
Tri-County	100.0	99.8	-	92.4	-	-	100.0	0.0
Vance-Granville	94.2	99.9	100.0	100.0	100.0	-	-	100.0
Wake	100.0	93.8	-	100.0	100.0	-	-	-
Wayne	100.0	100.0	-	100.0	100.0	-	-	-
Western Piedmont	99.7	99.6	-	97.5	100.0	-	-	-
Wilkes	100.0	96.3	-	100.0	87.5	-	-	-
Wilson	100.0	100.0	100.0	100.0	100.0	-	-	-
Subtotal	**96.9**	**97.7**	**99.0**	**95.6**	**91.2**	**100.0**	**100.0**	**91.1**
				Private Institutions				
Major Research Universities								
Subtotal	**90.6**	**-**	**100.0**	**24.1**	**-**	**-**	**-**	**-**
General Baccalaureate Colleges								
Subtotal	**73.1**	**-**	**59.1**	**100.0**	**0.0**	**-**	**-**	**-**
Junior Colleges								
Subtotal	**61.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Grand Total	**83.9**	**97.7**	**88.8**	**94.5**	**91.0**	**100.0**	**100.0**	**91.7**

Table 25a. Accessible Area by Instruction, Research, and Public Service Subprograms

Institution	Institutes & Research Centers 21	Individual or Project Research 22	Direct Patient Care 31	Health Care Services 32	Community Services 33	Cooperative Extension Services 34	Public Broadcasting Services 35
Fayetteville	-	-	-	-	100.0	-	-
Forsyth	-	-	-	-	100.0	-	-
Gaston College	-	-	-	-	100.0	-	-
Guilford	-	-	-	-	86.2	-	-
Halifax	-	-	-	-	100.0	-	-
Haywood	-	-	-	-	100.0	-	-
Isothermal	-	-	-	-	100.0	-	100.0
James Sprunt	-	-	-	-	100.0	-	-
Johnston	-	-	-	-	52.7	-	-
Lenoir	-	-	-	-	100.0	-	-
Martin	-	-	-	-	100.0	-	-
Mayland	-	-	-	-	15.0	-	-
McDowell	-	-	-	-	-	-	-
Mitchell	-	-	-	-	-	-	-
Montgomery	-	-	-	-	100.0	-	-
Nash	-	-	-	-	100.0	-	-
Pamlico	-	-	-	-	100.0	-	-
Piedmont	-	-	-	-	98.8	-	-
Pitt	-	-	-	-	-	100.0	-
Randolph	-	-	-	-	100.0	-	-
Richmond	-	-	-	-	100.0	-	-
Roanoke-Chowan	-	-	-	-	100.0	-	-
Robeson	-	-	-	-	100.0	-	-
Rockingham	-	-	-	-	98.0	-	-
Rowan-Cabarrus	-	-	-	-	100.0	-	-
Sampson	-	-	-	-	100.0	-	-
Sandhills	-	-	-	-	-	-	-
South Piedmont	-	-	-	-	80.9	-	-
Southeastern	-	-	-	-	100.0	-	-
Southwestern	-	-	-	-	100.0	-	-
Stanly	-	-	-	-	100.0	-	-
Surry	-	-	-	-	-	-	-
Tri-County	-	-	-	-	-	-	-
Vance-Granville	-	-	-	-	100.0	-	-
Wake	-	-	-	-	-	-	-
Wayne	-	-	-	-	100.0	-	-
Western Piedmont	-	-	-	-	100.0	-	-
Wilkes	-	-	-	-	0.0	-	-
Wilson	-	-	-	-	100.0	-	-
Subtotal	-	-	-	-	93.2	100.0	100.0
			Private Institutions				
Major Research Universities							
Subtotal	-	88.3	99.5	92.4	0.0	-	0.0
General Baccalaureate Colleges							
Subtotal	100.0	68.0	-	-	58.3	-	-
Junior Colleges							
Subtotal	-	-	-	-	0.0	-	-
Grand Total	47.1	77.6	98.5	93.0	79.1	45.8	70.7

Table 25b. Accessible Area by Academic Support Subprograms

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Development 47	Academic Personnel Development 48
				Public Institutions				
Research Universities I								
NC State	97.1	-	45.2	79.4	91.5	78.3	0.0	0.0
NCSU Veterinary School	98.0	-	85.5	100.0	-	83.4	-	-
UNC-Chapel Hill	81.7	100.0	57.1	87.3	91.0	79.9	-	97.9
UNC-CH Health Affairs	37.5	-	86.1	44.3	42.7	72.3	65.2	75.8
Subtotal	**82.9**	**100.0**	**55.9**	**80.6**	**66.2**	**76.8**	**49.5**	**94.2**
Doctoral Universities I and II								
East Carolina	100.0	100.0	100.0	100.0	-	94.1	-	-
ECU-Health Affairs	100.0	100.0	99.4	100.0	100.0	100.0	-	-
UNC-Greensboro	78.7	100.0	99.0	91.7	98.9	82.5	-	-
Subtotal	**92.0**	**100.0**	**99.4**	**92.4**	**98.9**	**92.3**	-	-
Master's (Comprehensive) Universities and Colleges I								
Appalachian	98.9	100.0	100.0	100.0	51.6	94.7	100.0	-
Fayetteville	100.0	85.3	3.0	100.0	0.0	86.2	-	-
NC A&T	98.8	83.7	100.0	100.0	69.0	92.0	-	-
NC Central	99.5	100.0	98.0	90.5	63.8	87.0	-	-
UNC-Charlotte	100.0	100.0	100.0	-	-	99.3	100.0	-
UNC-Pembroke	100.0	100.0	100.0	-	-	97.5	-	-
UNC-Wilmington	100.0	100.0	-	100.0	-	100.0	-	100.0
Western Carolina	100.0	91.4	57.6	100.0	97.7	85.5	-	73.9
Subtotal	**99.7**	**94.1**	**83.5**	**97.2**	**64.1**	**91.9**	**100.0**	**75.7**
Baccalaureate (Liberal Arts) Universities and Colleges I and II								
Elizabeth City	100.0	100.0	-	100.0	90.3	90.9	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	-	100.0	-	-
Winston-Salem	100.0	92.9	57.0	100.0	32.5	76.3	-	-
Subtotal	**100.0**	**94.3**	**93.8**	**100.0**	**70.0**	**82.5**	-	-
Schools of Art, Music, and Design								
NC School of the Arts	100.0	59.2	100.0	100.0	100.0	89.9	-	-
Teaching Hospitals								
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-
Community Colleges								
Alamance	100.0	-	100.0	100.0	100.0	52.0	-	-
Asheville-Buncombe	100.0	-	100.0	-	100.0	50.0	-	-
Beaufort Co.	100.0	-	100.0	-	-	100.0	-	-
Bladen	100.0	-	-	-	-	96.4	-	-
Blue Ridge	100.0	100.0	100.0	-	100.0	100.0	-	-
Brunswick	100.0	-	100.0	100.0	-	100.0	-	-
Caldwell	100.0	-	100.0	-	-	100.0	-	-
Cape Fear	100.0	-	100.0	100.0	100.0	100.0	-	-
Carteret	100.0	-	-	-	0.0	77.5	-	-
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Central Carolina	98.1	-	100.0	-	100.0	100.0	-	-
Central Piedmont	98.1	100.0	87.9	100.0	100.0	100.0	-	-
Cleveland	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Carolina	100.0	-	100.0	100.0	-	100.0	-	-
College of the Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven	100.0	-	100.0	100.0	-	96.4	-	-
Davidson Co.	89.6	-	100.0	-	100.0	98.4	-	-
Durham	100.0	-	100.0	100.0	-	100.0	-	100.0
Edgecombe	97.0	-	100.0	-	-	100.0	-	-

Table 25b. *Accessible Area by Academic Support Subprograms*

Institution	Library Services 41	Museums & Galleries 42	Educational & Media Services 43	Academic Computing Support 44	Ancillary Support 45	Academic Admin. 46	Course & Curriculum Development 47	Academic Personnel Development 48
Fayetteville	100.0	-	100.0	100.0	-	93.2	-	-
Forsyth	99.8	-	84.8	93.3	-	100.0	-	-
Gaston College	100.0	100.0	100.0	100.0	41.1	100.0	-	-
Guilford	90.1	-	100.0	-	100.0	86.5	-	-
Halifax	100.0	-	-	-	100.0	100.0	100.0	-
Haywood	100.0	100.0	100.0	100.0	100.0	100.0	-	-
Isothermal	16.2	-	-	-	-	100.0	-	-
James Sprunt	100.0	100.0	100.0	100.0	-	100.0	-	-
Johnston	100.0	100.0	100.0	-	100.0	100.0	-	-
Lenoir	98.4	100.0	100.0	100.0	-	85.0	-	-
Martin	100.0	-	-	-	-	83.4	-	-
Mayland	100.0	-	100.0	-	100.0	100.0	-	-
McDowell	100.0	100.0	-	-	-	100.0	-	-
Mitchell	99.7	0.0	100.0	-	-	88.6	-	-
Montgomery	100.0	-	-	-	100.0	100.0	100.0	-
Nash	100.0	-	-	-	-	100.0	-	-
Pamlico	100.0	-	100.0	-	-	100.0	-	-
Piedmont	100.0	-	100.0	100.0	-	100.0	-	-
Pitt	100.0	-	100.0	-	100.0	75.6	100.0	-
Randolph	100.0	-	100.0	100.0	-	100.0	-	-
Richmond	93.5	-	100.0	100.0	-	100.0	-	-
Roanoke-Chowan	100.0	-	-	-	100.0	100.0	-	-
Robeson	100.0	-	100.0	-	-	100.0	-	-
Rockingham	100.0	100.0	100.0	-	100.0	90.5	-	-
Rowan-Cabarrus	100.0	-	100.0	-	100.0	100.0	-	-
Sampson	100.0	-	-	100.0	-	100.0	-	-
Sandhills	99.8	100.0	100.0	-	-	100.0	-	-
South Piedmont	100.0	-	100.0	100.0	-	48.3	-	-
Southeastern	99.0	-	100.0	100.0	100.0	100.0	-	-
Southwestern	100.0	-	100.0	-	100.0	100.0	-	-
Stanly	100.0	-	100.0	100.0	-	82.5	-	-
Surry	100.0	-	100.0	100.0	-	100.0	-	-
Tri-County	82.3	-	-	-	100.0	100.0	-	-
Vance-Granville	80.4	-	-	-	100.0	100.0	-	-
Wake	100.0	-	100.0	100.0	100.0	100.0	-	-
Wayne	100.0	-	100.0	100.0	-	100.0	100.0	-
Western Piedmont	100.0	-	100.0	-	-	100.0	-	-
Wilkes	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson	99.3	-	21.7	100.0	100.0	100.0	-	-
Subtotal	**97.4**	**98.8**	**97.5**	**99.5**	**96.5**	**94.8**	**100.0**	**100.0**
Private Institutions								
Major Research Universities								
Subtotal	**98.9**	**35.5**	**91.4**	**97.6**	**100.0**	**91.5**	**100.0**	**100.0**
General Baccalaureate Colleges								
Subtotal	**88.1**	**79.8**	**82.2**	**79.1**	**56.2**	**69.9**	**-**	**19.2**
Junior Colleges								
Subtotal	**99.9**	**67.3**	**-**	**-**	**-**	**0.0**	**-**	**-**
Grand Total	**92.8**	**84.7**	**85.7**	**89.7**	**76.1**	**85.0**	**94.2**	**64.5**

Table 25c. Accessible Area by Student Service and Physical Plant Operations Subprograms

Institution	Student Svcs. Admin. 51	Social & Cultural Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin 54	Student Auxilary Service 55	Inter-collegiate Athl. 56	Stud. Health/ Med. Svc 57	Physical Plant Admin. 71	Bldg. Maint. 72	Cust'l. Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
					Public Institutions							
Research Universities I												
NC State	75.5	48.5	79.7	62.8	14.1	55.0	90.7	39.1	51.7	36.7	24.7	19.8
NCSU Veterinary School	-	100.0	-	-	98.1	-	-	-	0.0	-	100.0	0.0
UNC-Chapel Hill	40.4	92.9	61.6	11.4	22.4	92.2	99.7	100.0	84.2	51.3	93.6	77.8
UNC-CH Health Affairs	-	100.0	100.0	-	98.7	-	-	-	86.5	30.6	100.0	-
Subtotal	**52.2**	**65.8**	**75.5**	**32.6**	**19.0**	**80.6**	**96.4**	**72.1**	**72.2**	**47.2**	**78.8**	**35.3**
Doctoral Universities I and II												
East Carolina	21.4	84.5	76.8	99.0	51.5	98.5	42.7	40.0	93.3	7.4	100.0	0.0
ECU-Health Affairs	100.0	-	-	-	-	-	-	100.0	100.0	100.0	29.8	-
UNC-Greensboro	80.3	81.9	59.7	100.0	42.8	91.7	97.5	48.5	37.3	27.7	100.0	100.0
Subtotal	**56.2**	**83.6**	**67.0**	**99.5**	**47.5**	**96.6**	**73.7**	**46.6**	**74.0**	**25.0**	**43.5**	**55.0**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	98.9	86.6	100.0	100.0	58.1	96.1	100.0	97.2	99.2	-	100.0	-
Fayetteville	100.0	46.0	100.0	100.0	9.5	56.3	0.0	-	0.0	-	-	100.0
NC A&T	100.0	95.3	100.0	100.0	56.4	76.3	100.0	100.0	82.8	100.0	0.0	100.0
NC Central	100.0	93.5	100.0	93.0	83.9	80.7	82.4	44.1	82.5	-	100.0	100.0
UNC-Charlotte	100.0	100.0	100.0	100.0	75.7	46.9	100.0	100.0	100.0	100.0	-	-
UNC-Pembroke	100.0	74.2	100.0	100.0	27.2	72.9	44.6	100.0	100.0	85.1	-	100.0
UNC-Wilmington	100.0	84.8	100.0	100.0	78.0	94.3	100.0	100.0	93.8	100.0	100.0	100.0
Western Carolina	100.0	97.4	97.1	100.0	42.9	86.4	43.4	76.6	43.5	89.5	-	100.0
Subtotal	**99.9**	**88.3**	**99.4**	**98.8**	**60.5**	**85.3**	**79.4**	**88.9**	**74.7**	**97.0**	**88.9**	**100.0**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	100.0	99.3	100.0	65.2	46.0	92.4	0.0	100.0	100.0	-	-	-
UNC-Asheville	100.0	100.0	100.0	100.0	82.6	23.1	100.0	100.0	100.0	100.0	92.5	100.0
Winston-Salem	75.1	100.0	100.0	100.0	62.4	89.9	0.0	60.4	98.8	86.9	100.0	100.0
Subtotal	**91.8**	**99.7**	**100.0**	**84.6**	**64.0**	**77.4**	**18.3**	**92.3**	**99.5**	**92.2**	**95.5**	**100.0**
Schools of Art, Music, and Design												
NC School of the Arts	0.0	89.7	0.0	100.0	21.1	-	0.0	89.3	100.0	-	-	-
Teaching Hospitals												
UNC Hosp. at Chapel Hill	-	-	-	-	-	-	-	-	100.0	100.0	-	-
Community Colleges												
Alamance	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Asheville-Buncombe	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	100.0
Beaufort Co.	100.0	100.0	100.0	90.0	100.0	-	-	-	90.4	-	-	-
Bladen	100.0	94.3	100.0	100.0	100.0	-	-	-	100.0	100.0	-	100.0
Blue Ridge	100.0	100.0	100.0	-	100.0	-	-	-	100.0	100.0	-	-
Brunswick	100.0	100.0	92.7	100.0	100.0	-	100.0	-	100.0	100.0	-	-
Caldwell	100.0	100.0	100.0	100.0	70.0	-	-	100.0	9.7	-	-	100.0
Cape Fear	100.0	100.0	100.0	100.0	86.3	-	-	-	100.0	-	-	100.0
Carteret	100.0	85.6	100.0	100.0	85.7	-	-	100.0	-	-	-	-
Catawba Valley	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Central Carolina	100.0	100.0	100.0	100.0	100.0	-	-	0.0	-	100.0	-	-
Central Piedmont	99.0	89.0	99.3	50.5	99.1	-	-	84.9	89.3	100.0	-	95.9
Cleveland	100.0	100.0	-	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Coastal Carolina	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
College of the Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Craven	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Davidson Co.	100.0	95.9	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Durham	100.0	100.0	100.0	100.0	100.0	-	-	0.0	65.4	15.4	-	0.0
Edgecombe	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-

Table 25c. *Accessible Area by Student Service and Physical Plant Operations Subprograms*

Institution	Student Svcs. Admin. 51	Social & Cultural Devel. 52	Couns/ Career Guid. 53	Finan. Aid Admin 54	Student Auxilary Service 55	Inter-collegiate Athl. 56	Stud. Health/ Med. Svc 57	Physical Plant Admin. 71	Bldg. Maint. 72	Cust'l. Svcs. 73	Utilities 74	Landscp Grounds Maint. 75
Fayetteville	100.0	94.9	100.0	100.0	100.0	-	100.0	100.0	51.0	100.0	-	68.9
Forsyth	100.0	100.0	100.0	100.0	97.7	-	-	100.0	100.0	100.0	-	-
Gaston College	100.0	91.1	100.0	100.0	98.9	-	100.0	-	72.1	-	-	76.4
Guilford	100.0	100.0	90.8	100.0	95.0	-	100.0	-	13.9	100.0	-	5.0
Halifax	100.0	100.0	100.0	100.0	100.0	-	-	100.0	98.4	100.0	-	-
Haywood	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0	100.0
Isothermal	100.0	100.0	100.0	100.0	100.0	-	-	100.0	82.2	100.0	100.0	-
James Sprunt	99.4	88.2	100.0	100.0	97.7	-	-	-	65.3	-	-	-
Johnston	100.0	100.0	100.0	100.0	98.1	-	-	-	100.0	100.0	-	0.0
Lenoir	-	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	-	100.0
Martin	100.0	76.2	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-
Mayland	-	100.0	100.0	100.0	100.0	-	-	-	9.5	-	-	-
McDowell	100.0	-	100.0	100.0	98.4	-	-	-	-	-	-	100.0
Mitchell	89.9	38.7	88.0	100.0	73.8	-	-	-	72.1	100.0	-	-
Montgomery	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Nash	97.8	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Pamlico	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-	-
Piedmont	100.0	100.0	-	100.0	100.0	-	-	-	100.0	-	-	-
Pitt	58.7	94.9	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	-
Randolph	100.0	100.0	100.0	100.0	99.6	-	-	100.0	100.0	100.0	-	-
Richmond	100.0	100.0	100.0	100.0	64.9	-	100.0	-	24.9	-	-	-
Roanoke-Chowan	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	100.0
Robeson	100.0	76.7	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Rockingham	100.0	98.9	100.0	100.0	99.3	-	-	100.0	100.0	100.0	-	100.0
Rowan-Cabarrus	100.0	-	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Sampson	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-
Sandhills	100.0	97.2	100.0	100.0	99.3	-	-	100.0	73.9	100.0	100.0	0.0
South Piedmont	100.0	74.2	100.0	100.0	100.0	-	-	-	100.0	100.0	-	-
Southeastern	100.0	94.1	81.9	100.0	100.0	-	-	100.0	100.0	-	-	-
Southwestern	-	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-	-
Stanly	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Surry	100.0	83.2	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-
Tri-County	-	100.0	100.0	100.0	100.0	-	-	-	-	-	-	-
Vance-Granville	100.0	-	100.0	100.0	100.0	-	-	-	100.0	-	-	-
Wake	100.0	99.2	100.0	100.0	100.0	-	100.0	100.0	59.1	-	-	100.0
Wayne	100.0	98.8	100.0	100.0	100.0	-	100.0	-	100.0	-	-	-
Western Piedmont	91.9	100.0	100.0	100.0	99.8	-	-	100.0	0.0	100.0	-	0.0
Wilkes	100.0	93.2	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	100.0
Wilson	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-
Subtotal	**98.0**	**93.0**	**98.6**	**96.0**	**97.7**	**100.0**	**100.0**	**59.3**	**78.4**	**89.9**	**100.0**	**74.8**
					Private Institutions							
Major Research Universities												
Subtotal	**93.0**	**81.7**	**25.9**	**78.8**	**24.5**	**87.5**	**67.1**	**78.2**	**46.1**	**86.9**	**27.7**	**0.5**
General Baccalaureate Colleges												
Subtotal	**62.1**	**66.1**	**58.6**	**56.8**	**31.7**	**77.8**	**68.9**	**50.6**	**52.2**	**30.3**	**21.9**	**61.8**
Junior Colleges												
Subtotal	**100.0**	**82.6**	**-**	**0.0**	**12.8**	**0.0**	**0.0**	**-**	**100.0**	**0.0**	**-**	**-**
Grand Total	**82.7**	**79.6**	**87.6**	**79.0**	**40.1**	**82.3**	**74.8**	**71.0**	**66.8**	**60.5**	**57.2**	**55.2**

Table 25d. Accessible Area by Institutional Administration, Independent Operations, and Unassigned Subprograms

									Ind. Opns.		Unassigned	
Institution	**Exec. Mgmt. 61**	**Fin. Mgmt. 62**	**Gen Ad Log Svc 63**	**Admin. Comp. 64**	**Fac/Stf. Aux Svc 65**	**P.R. Devel. 66**	**Stud. Admiss 67**	**Stud. Recds 68**	**Inst. 91**	**Ext. Agency 92**	**Usable 01**	**Unusable 02**
						Public Institutions						
Research Universities I												
NC State	23.9	70.3	58.3	81.5	15.7	33.0	72.5	96.4	23.3	54.3	100.0	67.8
NCSU Veterinary School	-	-	81.4	-	-	45.3	-	-	-	-	-	100.0
UNC-Chapel Hill	23.8	58.2	87.9	88.9	23.5	77.7	68.3	85.3	98.3	82.8	78.0	63.4
UNC-CH Health Affairs	-	100.0	76.5	85.1	48.5	100.0	100.0	100.0	35.4	97.8	66.2	51.2
Subtotal	**23.8**	**63.5**	**73.1**	**86.4**	**18.9**	**67.7**	**70.4**	**90.0**	**83.6**	**75.2**	**76.6**	**64.7**
Doctoral Universities I and II												
East Carolina	47.2	59.3	72.9	92.3	3.7	62.5	100.0	100.0	-	100.0	0.0	0.0
ECU-Health Affairs	-	-	68.6	-	100.0	94.3	100.0	100.0	-	-	100.0	-
UNC-Greensboro	82.8	100.0	97.9	24.3	100.0	38.0	91.4	-	-	-	88.8	10.8
Subtotal	**70.6**	**79.9**	**82.0**	**70.6**	**41.2**	**56.4**	**95.3**	**100.0**	**-**	**100.0**	**10.9**	**8.0**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	100.0	100.0	95.6	100.0	100.0	100.0	85.4	17.7	-	100.0	-	89.0
Fayetteville	100.0	100.0	85.7	100.0	15.2	100.0	100.0	100.0	-	-	-	-
NC A&T	100.0	100.0	91.4	100.0	72.4	73.3	100.0	100.0	-	100.0	-	100.0
NC Central	96.1	99.5	40.2	90.0	92.5	64.5	0.0	100.0	100.0	100.0	61.2	8.0
UNC-Charlotte	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
UNC-Pembroke	100.0	100.0	91.3	91.8	80.9	94.6	100.0	100.0	-	-	6.5	-
UNC-Wilmington	100.0	100.0	98.4	100.0	76.3	79.1	62.9	100.0	100.0	100.0	0.0	100.0
Western Carolina	75.2	100.0	96.8	98.3	2.6	77.0	6.0	100.0	100.0	68.5	87.6	100.0
Subtotal	**96.5**	**100.0**	**89.5**	**97.3**	**45.8**	**81.5**	**70.2**	**76.1**	**100.0**	**78.6**	**52.0**	**48.5**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	99.7	100.0	96.0	100.0	16.7	100.0	100.0	100.0	-	-	100.0	0.0
UNC-Asheville	47.8	93.1	71.5	100.0	22.4	100.0	100.0	100.0	-	99.0	100.0	64.5
Winston-Salem	100.0	39.5	28.0	100.0	47.6	92.8	100.0	100.0	-	100.0	0.0	74.6
Subtotal	**85.6**	**70.3**	**63.0**	**100.0**	**31.3**	**96.2**	**100.0**	**100.0**	**-**	**99.3**	**14.8**	**56.5**
Schools of Art, Music, and Design												
NC School of the Arts	27.6	100.0	77.0	100.0	21.5	45.3	100.0	100.0	100.0	-	0.0	100.0
Teaching Hospitals												
UNC Hosp. at Chápel Hill	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-	-	100.0
Community Colleges												
Alamance	98.7	100.0	100.0	100.0	57.7	100.0	100.0	100.0	-	-	100.0	-
Asheville-Buncombe	19.8	100.0	81.6	0.0	83.2	0.0	100.0	100.0	-	100.0	0.0	4.6
Beaufort Co.	93.9	63.1	100.0	100.0	100.0	100.0	87.3	90.2	-	-	-	100.0
Bladen	98.4	100.0	100.0	-	100.0	-	-	100.0	-	100.0	100.0	100.0
Blue Ridge	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	100.0
Brunswick	100.0	79.1	100.0	100.0	100.0	100.0	100.0	100.0	68.9	100.0	100.0	100.0
Caldwell	100.0	100.0	90.8	100.0	100.0	84.6	100.0	100.0	-	100.0	-	100.0
Cape Fear	100.0	100.0	98.0	100.0	89.5	100.0	100.0	100.0	-	-	-	100.0
Carteret	91.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0
Catawba Valley	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	-	-
Central Carolina	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	0.0
Central Piedmont	100.0	100.0	82.6	97.1	100.0	100.0	100.0	98.8	-	-	89.0	100.0
Cleveland	99.0	100.0	77.9	100.0	100.0	100.0	100.0	100.0	-	100.0	89.7	-
Coastal Carolina	100.0	100.0	84.3	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
College of the Albemarle	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	-	100.0	-
Craven	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Davidson Co.	100.0	100.0	100.0	100.0	99.1	-	100.0	100.0	-	95.7	-	-
Durham	100.0	100.0	93.6	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-

Table 25d. *Accessible Area by Institutional Administration, Independent Operations, and Unassigned Subprograms*

									Ind. Opns.		Unassigned	
Institution	Exec. Mgmt. 61	Fin. Mgmt. 62	Gen Ad Log Svc 63	Admin. Comp. 64	Fac/Stf. Aux Svc 65	P.R. Devel. 66	Stud. Admiss 67	Stud. Recds 68	Inst. 91	Ext. Agency 92	Usable 01	Unusable 02
Edgecombe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Fayetteville	98.8	99.4	46.6	100.0	100.0	100.0	100.0	100.0	-	-	-	89.4
Forsyth	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Gaston College	60.6	100.0	87.0	-	100.0	100.0	100.0	100.0	-	-	-	-
Guilford	100.0	90.5	98.0	100.0	94.8	100.0	100.0	100.0	-	49.8	89.3	-
Halifax	98.0	100.0	99.3	100.0	92.4	100.0	100.0	100.0	-	-	100.0	-
Haywood	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Isothermal	99.0	100.0	100.0	93.7	100.0	100.0	100.0	100.0	-	-	-	100.0
James Sprunt	100.0	100.0	100.0	100.0	74.5	-	-	100.0	-	100.0	-	-
Johnston	96.6	100.0	100.0	100.0	41.3	100.0	100.0	100.0	-	100.0	-	-
Lenoir	100.0	100.0	70.8	100.0	81.3	100.0	100.0	100.0	-	100.0	-	100.0
Martin	98.6	95.2	100.0	100.0	87.9	100.0	100.0	100.0	-	-	100.0	0.0
Mayland	100.0	100.0	58.3	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
McDowell	92.6	97.9	79.4	100.0	97.6	100.0	-	100.0	-	100.0	-	-
Mitchell	61.0	100.0	22.2	-	42.0	-	100.0	100.0	-	100.0	30.3	-
Montgomery	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	0.0	-
Nash	100.0	100.0	88.1	100.0	85.0	100.0	73.1	100.0	100.0	-	-	100.0
Pamlico	100.0	94.3	100.0	100.0	-	-	-	100.0	-	100.0	-	-
Piedmont	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0
Pitt	98.7	95.5	86.7	100.0	100.0	100.0	100.0	97.8	-	-	-	-
Randolph	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-
Richmond	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0
Roanoke-Chowan	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	0.0
Robeson	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Rockingham	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Rowan-Cabarrus	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Sampson	98.5	100.0	100.0	100.0	-	100.0	100.0	100.0	-	100.0	60.9	-
Sandhills	100.0	100.0	100.0	100.0	10.0	100.0	88.9	93.6	-	-	-	-
South Piedmont	100.0	86.8	99.0	86.4	100.0	-	-	100.0	100.0	100.0	-	100.0
Southeastern	100.0	100.0	100.0	96.0	-	100.0	100.0	100.0	-	-	-	-
Southwestern	100.0	93.7	97.8	100.0	-	100.0	100.0	100.0	-	100.0	-	100.0
Stanly	100.0	100.0	98.5	76.5	100.0	100.0	100.0	100.0	-	-	100.0	-
Surry	100.0	96.6	100.0	100.0	82.1	100.0	100.0	100.0	-	42.3	-	-
Tri-County	100.0	100.0	90.1	100.0	-	-	100.0	100.0	-	100.0	-	-
Vance-Granville	100.0	100.0	57.9	100.0	100.0	-	98.9	100.0	-	0.0	0.0	-
Wake	100.0	100.0	23.5	100.0	100.0	100.0	100.0	100.0	-	-	95.7	100.0
Wayne	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Western Piedmont	100.0	100.0	89.4	89.3	-	100.0	100.0	100.0	-	-	-	-
Wilkes	98.1	100.0	100.0	100.0	-	100.0	100.0	100.0	96.7	100.0	-	100.0
Wilson	100.0	100.0	58.6	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Subtotal	**95.7**	**97.7**	**85.1**	**97.8**	**85.5**	**99.0**	**99.1**	**99.6**	**89.6**	**94.4**	**85.8**	**84.7**
					Private Institutions							
Major Research Universities												
Subtotal	**93.2**	**99.8**	**76.3**	**100.0**	**42.1**	**65.4**	**16.2**	**83.3**	**69.9**	**70.2**	**100.0**	**89.2**
General Baccalaureate Colleges												
Subtotal	**61.1**	**60.0**	**50.0**	**61.2**	**11.9**	**32.7**	**56.5**	**60.4**	**1.4**	**49.1**	**29.1**	**21.1**
Junior Colleges												
Subtotal	**0.0**	**96.3**	**20.1**	**-**	**20.9**	**0.0**	**0.0**	**0.0**	**-**	**-**	**0.0**	**0.0**
Grand Total	**81.7**	**86.8**	**76.7**	**89.6**	**26.2**	**61.0**	**70.3**	**86.1**	**72.4**	**79.8**	**52.1**	**57.8**

TABLE 26:

ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to ensure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply ensure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have *assignable* area under the indicated summary room code but that none of it was *accessible*. The chart on pp. 93-94 lists all of the room codes which comprise the summary codes used in this table.

Table 26. Accessible Area by Room Codes

Institution	Total Accessible Area		Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Public Institutions										
Research Universities I										
NC State	3,505,763	53.6	196,390	92.4	951,406	72.1	877,906	69.5	234,543	90.1
NCSU Veterinary School	205,281	74.0	7,500	98.0	49,941	70.6	32,857	85.1	13,624	98.2
UNC-Chapel Hill	3,559,497	68.3	187,114	81.1	381,734	90.4	859,709	77.4	505,960	78.9
UNC-CH Health Affairs	1,183,594	69.1	42,175	85.8	364,546	68.5	493,858	68.8	26,068	41.3
Subtotal	**8,454,135**	**61.5**	**433,179**	**86.7**	**1,747,627**	**74.5**	**2,264,330**	**72.4**	**780,195**	**79.7**
Doctoral Universities I and II										
East Carolina	1,860,290	73.8	157,313	96.0	259,621	92.1	341,079	80.2	197,416	99.2
ECU-Health Affairs	587,598	93.6	32,151	100.0	137,803	99.9	208,156	98.5	35,480	99.5
UNC-Greensboro	1,407,419	68.6	119,012	98.1	188,830	93.1	330,347	81.7	144,908	84.1
Subtotal	**3,855,307**	**74.2**	**308,476**	**97.2**	**586,254**	**94.1**	**879,582**	**84.5**	**377,804**	**92.8**
Master's (Comprehensive) Universities and Colleges I										
Appalachian	1,672,203	77.1	150,016	89.3	189,076	93.9	337,721	89.6	72,482	98.5
Fayetteville	383,974	55.3	43,491	70.1	46,989	72.5	104,234	86.2	53,807	91.6
NC A&T	1,322,275	81.0	94,750	88.6	247,515	86.1	302,254	92.7	111,134	98.0
NC Central	992,085	77.6	80,410	82.3	86,333	80.5	201,818	86.0	101,064	97.0
UNC-Charlotte	1,870,792	89.3	105,127	99.9	261,251	100.0	338,962	98.1	188,706	100.0
UNC-Pembroke	393,947	69.9	47,545	96.8	34,734	96.3	97,324	94.3	44,135	97.6
UNC-Wilmington	1,098,739	89.1	73,445	99.4	152,913	96.8	244,407	96.8	77,697	100.0
Western Carolina	1,108,639	69.7	82,098	91.2	128,689	96.9	197,358	87.4	131,650	99.9
Subtotal	**8,842,654**	**78.6**	**676,882**	**89.9**	**1,147,500**	**91.9**	**1,824,078**	**91.8**	**780,675**	**98.4**
Baccalaureate (Liberal Arts) Universities and Colleges I and II										
Elizabeth City	461,483	74.7	33,895	82.0	77,747	98.6	79,567	92.1	35,558	92.0
UNC-Asheville	545,316	89.2	36,216	100.0	68,650	99.6	90,914	92.7	71,813	99.7
Winston-Salem	484,562	70.5	31,513	60.3	17,945	39.1	101,564	71.7	48,388	98.2
Subtotal	**1,491,361**	**77.8**	**101,624**	**78.3**	**164,342**	**84.9**	**272,045**	**83.4**	**155,759**	**97.4**
Schools of Art, Music, and Design										
NC School of the Arts	371,856	76.6	19,632	94.7	147,152	97.9	41,636	81.7	18,448	95.1
Teaching Hospitals										
UNC Hosp. at Chapel Hill	862,733	100.0	8,807	100.0	9,630	100.0	259,883	100.0	2,897	100.0
Community Colleges										
Alamance	174,832	98.3	38,343	99.4	73,902	99.8	27,603	93.5	8,014	100.0
Asheville-Buncombe	344,697	94.7	89,032	99.4	124,568	96.4	49,220	87.8	19,790	100.0
Beaufort Co.	126,564	96.6	20,630	97.3	44,621	98.7	27,164	91.5	8,958	100.0
Bladen	97,807	97.0	15,760	100.0	30,260	93.1	16,090	98.6	5,114	100.0
Blue Ridge	226,531	100.0	49,791	100.0	82,470	100.0	34,341	100.0	13,833	100.0
Brunswick	154,217	94.3	41,802	98.4	31,449	93.2	27,889	96.9	7,996	100.0
Caldwell	246,506	93.7	51,383	99.9	81,044	96.1	38,617	99.4	17,239	100.0
Cape Fear	307,195	98.8	80,360	98.9	103,522	99.0	61,041	99.0	17,319	100.0
Carteret	115,848	92.5	22,581	93.1	41,186	99.2	18,022	92.5	6,593	100.0
Catawba Valley	282,985	100.0	52,695	100.0	112,380	100.0	44,172	100.0	15,702	100.0
Central Carolina	256,504	98.4	79,483	100.0	79,596	97.7	37,572	98.4	14,782	99.2
Central Piedmont	758,967	97.5	181,304	100.0	224,677	99.9	139,741	96.4	59,372	98.9
Cleveland	159,234	98.4	30,911	96.0	51,583	100.0	23,564	99.3	17,109	100.0
Coastal Carolina	195,325	99.5	44,992	100.0	74,487	100.0	37,000	97.5	15,190	100.0
College of the Albemarle	156,344	99.9	31,199	100.0	35,460	99.7	31,862	100.0	18,280	100.0
Craven	139,666	99.5	36,561	100.0	47,916	99.2	28,328	99.1	15,623	100.0
Davidson Co.	221,723	96.2	45,880	99.6	66,052	91.4	44,364	99.3	17,494	90.5
Durham	220,445	92.9	56,032	100.0	75,754	99.3	48,814	97.2	13,397	100.0
Edgecombe	107,287	93.1	23,086	91.4	30,424	85.1	19,422	99.2	10,720	97.5

Table 26. Accessible Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
					Public Institutions							
Research Universities I												
NC State	713,679	52.1	268,111	55.7	-	32.8	12,595	86.9	73,832	6.4	49,718	71.7
NCSU Veterinary School	26,801	43.9	7,121	92.7	-	59.2	58,057	93.1	179	100.0	703	100.0
UNC-Chapel Hill	597,934	95.3	522,596	84.2	-	79.8	14,840	100.0	213,711	18.2	27,036	52.1
UNC-CH Health Affairs	37,525	48.8	43,115	84.3	-	61.3	130,142	87.7	-	-	24,681	60.3
Subtotal	**1,375,939**	**64.4**	**840,943**	**72.5**	**-**	**54.2**	**215,634**	**89.8**	**287,722**	**12.3**	**102,138**	**62.7**
Doctoral Universities I and II												
East Carolina	254,514	89.1	226,596	84.1	-	68.5	2,984	49.9	336,325	46.8	0	0.0
ECU-Health Affairs	46,433	81.2	6,004	100.0	-	49.6	94,915	99.6	-	-	1,197	100.0
UNC-Greensboro	154,631	93.1	192,233	70.2	-	81.8	8,684	96.6	188,049	35.5	9,582	11.3
Subtotal	**455,578**	**89.5**	**424,833**	**77.3**	**-**	**69.2**	**106,583**	**96.6**	**524,374**	**42.0**	**10,779**	**8.2**
Master's (Comprehensive) Universities and Colleges I												
Appalachian	132,640	76.1	294,419	84.0	-	92.1	11,785	100.0	380,492	54.4	24,332	89.0
Fayetteville	67,439	82.4	43,557	42.8	-	59.1	0	0.0	8,146	4.7	-	-
NC A&T	163,792	84.1	163,721	91.9	-	87.7	6,148	100.0	176,322	49.1	31,599	100.0
NC Central	113,589	92.1	111,328	92.8	-	42.0	1,523	75.8	266,866	82.3	17,050	12.5
UNC-Charlotte	132,400	96.8	327,952	99.4	-	100.0	4,831	100.0	470,552	69.2	14,738	100.0
UNC-Pembroke	63,437	96.7	77,378	86.4	-	92.6	1,312	50.2	13,820	9.7	0	0.0
UNC-Wilmington	98,349	92.7	171,197	90.9	-	95.0	1,658	100.0	233,728	71.8	1,086	39.7
Western Carolina	90,129	68.9	220,631	86.2	-	87.8	2,405	66.9	150,241	29.8	43,864	94.7
Subtotal	**861,775**	**85.0**	**1,410,183**	**87.4**	**-**	**84.7**	**29,662**	**81.2**	**1,700,167**	**53.0**	**132,669**	**48.4**
Baccalaureate (Liberal Arts) Universities and Colleges I and II												
Elizabeth City	60,198	93.4	99,196	93.5	-	95.0	0	0.0	59,569	35.2	1,085	8.9
UNC-Asheville	63,117	78.9	72,729	96.3	-	95.5	1,207	100.0	122,762	76.9	1,827	64.6
Winston-Salem	56,478	97.2	101,712	93.3	-	73.6	0	0.0	83,261	53.0	24,997	53.6
Subtotal	**179,793**	**88.8**	**273,637**	**94.2**	**-**	**85.7**	**1,207**	**14.1**	**265,592**	**54.6**	**27,909**	**45.3**
Schools of Art, Music, and Design												
NC School of the Arts	25,503	78.3	63,750	77.9	-	100.0	0	0.0	20,064	21.7	20,798	99.5
Teaching Hospitals												
UNC Hosp. at Chapel Hill	3,091	100.0	27,882	100.0	-	100.0	444,911	100.0	3,785	100.0	31,659	100.0
Community Colleges												
Alamance	6,886	100.0	11,171	100.0	-	100.0	-	-	0	0.0	77	100.0
Asheville-Buncombe	30,221	100.0	20,497	97.3	-	87.3	-	-	-	-	228	4.3
Beaufort Co.	1,926	100.0	10,270	100.0	-	93.3	-	-	-	-	1,120	100.0
Bladen	-	-	13,586	96.1	-	100.0	-	-	-	-	4,342	100.0
Blue Ridge	7,163	100.0	20,793	100.0	-	100.0	-	-	-	-	7,274	100.0
Brunswick	1,462	100.0	35,676	86.7	-	100.0	112	100.0	-	-	120	100.0
Caldwell	16,658	98.9	37,014	94.3	-	29.5	-	-	-	-	70	100.0
Cape Fear	23,091	100.0	7,695	88.2	-	100.0	-	-	0	0.0	679	100.0
Carteret	0	0.0	7,523	87.8	-	100.0	-	-	-	-	444	100.0
Catawba Valley	36,825	100.0	18,207	100.0	-	100.0	-	-	-	-	-	-
Central Carolina	11,465	100.0	31,589	100.0	-	94.4	-	-	-	-	0	0.0
Central Piedmont	27,731	85.0	60,636	95.3	-	87.0	-	-	-	-	34,263	98.0
Cleveland	11,377	100.0	15,582	100.0	-	87.0	-	-	-	-	1,158	100.0
Coastal Carolina	3,633	100.0	14,230	100.0	-	100.0	-	-	-	-	80	100.0
College of the Albemarle	-	-	28,672	100.0	-	100.0	-	-	-	-	96	100.0
Craven	1,718	100.0	8,290	100.0	-	100.0	-	-	-	-	-	-
Davidson Co.	14,453	100.0	19,295	99.0	-	100.0	-	-	-	-	-	-
Durham	3,184	100.0	18,314	99.0	-	24.9	-	-	-	-	64	100.0
Edgecombe	1,346	100.0	13,991	100.0	-	100.0	-	-	-	-	-	-

Table 26. Accessible Area by Room Codes

Institution	Total Accessible Area		Classroom Facilities 100		Laboratory Facilities 200		Office Facilities 300		Study Facilities 400	
		%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Fayetteville	434,584	92.9	108,162	90.4	140,395	96.4	86,271	97.5	21,048	100.0
Forsyth	373,141	98.5	95,867	100.0	121,783	96.4	79,501	99.6	16,064	100.0
Gaston College	285,494	90.7	72,065	99.0	94,378	81.4	46,305	95.2	25,877	100.0
Guilford	550,062	92.8	137,122	92.7	187,119	94.6	99,208	96.6	29,108	88.6
Halifax	133,870	99.8	36,263	100.0	38,851	100.0	24,771	99.7	9,872	100.0
Haywood	203,406	92.3	21,488	88.8	88,548	97.8	28,323	97.8	6,490	100.0
Isothermal	182,373	91.2	25,769	89.9	58,729	92.9	28,728	98.4	2,275	20.7
James Sprunt	98,356	92.7	22,518	92.1	22,029	91.1	26,551	93.0	9,826	100.0
Johnston	186,391	96.7	41,666	99.7	47,259	97.0	26,539	99.3	11,186	100.0
Lenoir	241,270	96.1	67,958	98.2	48,346	93.3	38,757	96.4	16,690	100.0
Martin	143,292	83.7	16,130	88.0	42,217	99.7	16,640	90.9	12,794	100.0
Mayland	92,955	96.0	22,915	100.0	15,374	89.9	16,620	100.0	9,611	100.0
McDowell	82,423	96.8	12,213	90.7	33,796	98.5	14,414	98.0	5,483	100.0
Mitchell	147,017	79.0	39,936	90.3	35,978	95.2	26,085	85.8	13,351	100.0
Montgomery	80,932	97.8	12,585	90.2	32,341	100.0	14,040	100.0	9,186	100.0
Nash	138,215	99.0	30,633	100.0	40,811	99.9	19,390	97.5	12,816	100.0
Pamlico	32,808	96.4	7,179	100.0	10,806	100.0	7,002	99.0	4,549	100.0
Piedmont	107,237	98.3	22,125	93.5	33,593	99.9	18,711	99.2	8,205	100.0
Pitt	202,299	97.4	40,814	100.0	63,183	100.0	45,715	90.5	16,869	96.6
Randolph	192,481	99.9	44,215	99.6	76,935	100.0	32,119	99.9	10,095	100.0
Richmond	104,408	93.1	19,019	91.7	28,714	95.4	22,990	95.8	10,203	93.2
Roanoke-Chowan	96,135	96.3	11,749	100.0	45,523	100.0	13,095	99.8	9,492	100.0
Robeson	148,962	97.8	36,640	100.0	42,734	99.9	27,021	99.9	11,650	100.0
Rockingham	205,428	92.5	38,655	96.1	59,502	93.3	31,154	98.3	15,468	100.0
Rowan-Cabarrus	239,114	100.0	48,113	100.0	89,933	100.0	38,150	100.0	17,737	100.0
Sampson	111,822	98.5	32,883	100.0	17,970	97.4	24,861	99.8	14,024	100.0
Sandhills	221,448	95.8	59,885	100.0	52,433	100.0	42,068	99.1	17,314	100.0
South Piedmont	119,185	95.7	27,149	97.0	25,112	98.5	39,297	91.6	7,170	100.0
Southeastern	135,254	93.7	32,640	86.3	39,165	96.2	24,585	91.7	12,656	99.2
Southwestern	157,673	96.1	34,790	100.0	43,600	92.8	31,444	99.4	10,238	100.0
Stanly	99,555	99.5	20,737	100.0	34,110	100.0	22,875	98.0	7,441	100.0
Surry	171,296	95.0	31,390	83.1	57,759	98.4	29,853	96.2	15,969	100.0
Tri-County	98,406	97.2	27,331	98.8	26,594	99.5	13,535	98.5	4,784	83.4
Vance-Granville	170,905	96.2	32,921	96.5	66,720	100.0	30,457	99.2	9,314	80.6
Wake	329,563	90.8	61,710	93.3	86,015	94.0	61,160	99.2	35,989	100.0
Wayne	214,152	99.9	38,646	100.0	79,924	100.0	38,165	100.0	21,315	100.0
Western Piedmont	158,084	96.4	37,847	100.0	49,383	99.9	33,644	99.2	17,122	100.0
Wilkes	236,473	97.3	40,347	97.1	59,003	97.0	36,211	98.9	16,687	100.0
Wilson	128,832	98.4	26,769	100.0	49,564	100.0	20,193	96.9	10,400	99.5
Subtotal	**11,347,978**	**95.6**	**2,528,669**	**97.2**	**3,597,580**	**97.1**	**2,031,274**	**97.1**	**818,893**	**97.6**
					Private Institutions					
Major Research Universities										
Subtotal	**7,427,226**	**75.7**	**316,778**	**91.8**	**893,034**	**92.9**	**2,260,293**	**90.2**	**651,734**	**96.7**
General Baccalaureate Colleges										
Subtotal	**6,868,419**	**51.9**	**668,970**	**69.8**	**679,558**	**71.3**	**997,084**	**64.1**	**746,215**	**84.0**
Junior Colleges										
Subtotal	**111,694**	**38.2**	**15,480**	**87.1**	**7,342**	**54.9**	**19,387**	**62.5**	**14,664**	**99.1**
Grand Total	**49,633,363**	**72.3**	**5,078,497**	**89.8**	**8,980,019**	**88.0**	**10,849,592**	**83.6**	**4,347,284**	**91.0**

Table 26. Accessible Area by Room Codes

Institution	Special Use Facilities 500		General Use Facilities 600		Support Facilities 700		Health Care Facilities 800		Residential Facilities 900		Unclassified Facilities 000	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Fayetteville	16,852	86.1	37,075	100.0	-	66.1	378	100.0	-	-	2,153	89.4
Forsyth	15,443	98.2	29,251	98.6	-	100.0	-	-	-	-	10,299	100.0
Gaston College	6,149	75.4	31,270	95.6	-	87.4	748	100.0	-	-	-	-
Guilford	22,587	91.7	56,204	95.8	-	48.1	-	-	3,124	100.0	7,574	89.3
Halifax	4,326	100.0	10,155	99.4	-	99.2	-	-	-	-	342	100.0
Haywood	17,265	62.9	32,986	100.0	-	85.7	-	-	233	100.0	-	-
Isothermal	22,920	100.0	29,703	100.0	-	91.7	-	-	-	-	3,570	100.0
James Sprunt	4,684	100.0	9,704	93.8	-	74.5	-	-	-	-	-	-
Johnston	10,469	100.0	31,879	100.0	-	85.2	-	-	0	0.0	-	-
Lenoir	24,815	100.0	36,322	98.8	-	70.4	-	-	-	-	1,007	100.0
Martin	2,340	49.4	47,087	79.3	-	100.0	-	-	-	-	619	6.3
Mayland	6,018	100.0	9,798	100.0	-	36.6	-	-	-	-	11,358	100.0
McDowell	1,514	100.0	11,484	99.7	-	84.6	-	-	-	-	-	-
Mitchell	9,765	55.9	16,884	59.9	-	35.0	-	-	-	-	1,024	30.3
Montgomery	2,075	100.0	8,478	100.0	-	81.8	-	-	-	-	-	-
Nash	-	-	23,347	99.2	-	92.6	-	-	-	-	2,709	100.0
Pamlico	140	100.0	1,973	100.0	-	50.0	-	-	-	-	-	-
Piedmont	8,814	100.0	11,099	98.7	-	100.0	-	-	-	-	360	100.0
Pitt	21,425	100.0	7,253	100.0	-	100.0	-	-	-	-	-	-
Randolph	4,210	100.0	14,677	100.0	-	100.0	-	-	-	-	2,021	100.0
Richmond	1,445	100.0	10,132	89.7	-	79.1	100	100.0	-	-	5,497	100.0
Roanoke-Chowan	1,087	100.0	9,621	100.0	-	100.0	-	-	-	-	0	0.0
Robeson	2,734	100.0	21,881	87.1	-	100.0	-	-	-	-	-	-
Rockingham	26,356	72.4	25,201	99.2	-	100.0	-	-	-	-	-	-
Rowan-Cabarrus	4,267	100.0	22,515	100.0	-	100.0	-	-	-	-	11,767	100.0
Sampson	2,299	66.9	11,825	100.0	-	100.0	-	-	-	-	1,802	100.0
Sandhills	9,118	85.8	32,739	98.9	-	76.5	-	-	254	4.8	-	-
South Piedmont	560	100.0	5,882	91.5	-	99.1	-	-	-	-	9,987	100.0
Southeastern	11,310	99.4	10,797	100.0	-	100.0	-	-	-	-	-	-
Southwestern	8,310	100.0	22,327	100.0	-	54.5	-	-	-	-	3,469	100.0
Stanly	1,644	100.0	11,303	100.0	-	100.0	-	-	-	-	-	-
Surry	17,155	100.0	14,078	96.9	-	100.0	-	-	-	-	-	-
Tri-County	-	-	16,752	100.0	-	88.8	-	-	-	-	-	-
Vance-Granville	1,351	100.0	27,088	100.0	-	51.0	-	-	-	-	0	0.0
Wake	23,228	99.8	41,819	99.8	-	28.5	140	100.0	-	-	10,456	97.4
Wayne	4,499	100.0	17,184	99.3	-	100.0	131	100.0	-	-	-	-
Western Piedmont	4,932	96.7	13,374	100.0	-	24.6	-	-	-	-	-	-
Wilkes	27,178	99.9	39,738	92.6	-	100.0	-	-	-	-	838	100.0
Wilson	256	31.8	12,838	100.0	-	91.4	107	100.0	-	-	-	-
Subtotal	**548,679**	**91.5**	**1,216,754**	**95.8**	**-**	**79.8**	**1,716**	**100.0**	**3,611**	**32.7**	**136,867**	**85.2**
					Private Institutions							
Major Research Universities												
Subtotal	**381,384**	**72.0**	**763,659**	**79.2**	**-**	**66.1**	**1,319,867**	**97.7**	**228,453**	**13.9**	**227,825**	**89.3**
General Baccalaureate Colleges												
Subtotal	**1,121,170**	**79.1**	**1,497,405**	**68.3**	**-**	**49.0**	**27,255**	**66.9**	**864,597**	**19.0**	**60,599**	**23.5**
Junior Colleges												
Subtotal	**0**	**0.0**	**50,245**	**74.2**	**-**	**70.0**	**0**	**0.0**	**1,308**	**1.4**	**0**	**0.0**
Grand Total	**4,952,912**	**76.6**	**6,569,291**	**79.9**	**-**	**67.0**	**2,146,835**	**95.9**	**3,899,673**	**28.6**	**751,243**	**54.2**

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Institution	Type *	FICE Code	County	City	Congr. Dist.**
Alamance Community College	1-3	005463	Alamance	Graham 27253	06
Appalachian State University	1-2	002906	Watauga	Boone 28608	05
Asheville-Buncombe TCC	1-3	004033	Buncombe	Asheville 28801	11
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Barton College	2-2	002908	Wilson	Wilson 27893	02
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27401	06
Bladen Community College	1-3	007897	Bladen	Dublin 28332	07
Blue Ridge Community College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-2	002912	Transylvania	Brevard 28712	11
Brunswick Community College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buies Creek 27506	02
Cape Fear Community College	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Community College	1-3	008081	Carteret	Morehead City 28557	03
Catawba College	2-2	002914	Rowan	Salibury 28144	08
Catawba Valley CC	1-3	005318	Catawba	Hickory 28602	10
Central Carolina CC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28235	12
Chowan College	2-2	002916	Hertford	Murfreesboro 27855	01
Cleveland Community College	1-3	008082	Cleveland	Shelby 28152	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28546	03
College of the Albemarle	1-3	002919	Pasquotank	Elizabeth City 27906	03
Craven Community College	1-3	008086	Craven	New Bern 28562	01
Davidson College	2-2	002918	Meckenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27293	06
Duke University	2-1	002920	Durham	Durham 27708	02
Duke Medical Center	2-2		Durham	Durham 27708	02
Durham Technical CC	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-1	002923	Pitt	Greenville 27858	01
ECU-Health Affairs	1-1		Pitt	Greenville 27858	01
Edgecombe Community College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002929	Pasquotank	Elizabeth City 27909	01

*see page 159

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Elon University	2-2	002927	Alamance	Elon 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville TCC	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth TCC	1-3	005317	Forsyth	Winston-Salem 27103	06
Gardner-Webb University	2-2	002929	Cleveland	Boiling Springs 28017	09
Gaston College	1-2	002973	Gaston	Dallas 28034	09
Greensboro College	2-2	002930	Guilford	Greensboro 27401	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	01
Haywood Community College	1-3	008083	Haywood	Clyde 28271	11
High Point University	2-2	002933	Guilford	High Point 27262	06
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Community College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Community College	1-3	009336	Johnston	Smithfield 27577	02
Lees-McRae College	2-2	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28502	03
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	12
Louisburg College	2-3	002943	Franklin	Louisburg 27549	02
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Community College	1-3	011197	Mitchell	Spruce Pine 28777	10
McDowell Technical CC	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28311	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Community College	1-3	008087	Montgomery	Troy 27371	08
Montreat College	2-2	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Community College	1-3	008557	Nash	Rocky Mount 27804	02
N. C. A&T State University	1-2	002905	Guilford	Greensboro 27411	12
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27117	06
N. C. State University	1-1	002972	Wake	Raleigh 27695	04

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
NCSU Veterinary School	1-1		Wake	Raleigh 27695	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27804	02
Pamlico Community College	1-3	007031	Pamlico	Grantsboro 28529	03
Peace College	2-2	002953	Wake	Raleigh 27604	04
Pfeiffer University	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Baptist College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Community College	1-3	009646	Person	Roxboro 27573	05
Pitt Community College	1-3	004062	Pitt	Greenville 27835	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Community College	1-3	005447	Randolph	Asheboro 27204	06
Richmond Community College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan CC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Community College	1-3	008612	Robeson	Lumberton 28359	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan-Cabarrus CC	1-3	005754	Rowan	Salisbury 28145	08
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	12
Sampson Community College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Pinehurst 28374	02
Shaw University	2-2	002962	Wake	Raleigh 27601	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
South Piedmont Community College	1-3	007985	Anson	Polkton 28135	08
Southwestern Community College	1-3	008466	Jackson	Sylva 28779	11
Stanly Community College	1-3	011194	Stanly	Albemarle 28001	08
Surry Community College	1-3	002970	Surry	Dobson 27017	05
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28804	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27599	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-1	002976	Guilford	Greensboro 27402	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27599	04
U. of N. C. at Pembroke	1-2	002954	Robeson	Pembroke 28372	07
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28403	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical CC	1-3	004844	Wake	Raleigh 27603	04

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Warren Wilson College	2-2	002979	Wilson	Swannanoa 28815	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27533	03
Western Carolina University	1-2	002981	Jackson	Cullowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson Technical CC	1-3	004845	Wilson	Wilson 27893	02
Wingate University	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27110	12

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1990 census.

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